

## BODENWETTERMELDUNGEN

Jahrgang 18

DIENSTAG den 14. September 1993

Nummer 257

| Station              | Hoehe | 00 Uhr UTC |       |       |       |       |       |       |       |       |        | 18-24 |       |
|----------------------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                      |       | i11        | 11hVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRT | 7wwWW | 8NCCC  | ff-ff | xx    |
|                      | Rx    |            |       |       | n     | nddd  |       | R     | R     | 12    | hLMH   | xx    | gg    |
| Helgoland            | 4     | 015        | 11358 | 81029 | 10113 | 20095 | 49992 | 58023 | 60141 | 76366 | 877//  | 40    | 49    |
| List/Sylt            | 26    | 020        | 11260 | 80623 | 10093 | 20086 | 40014 | 58031 | 60041 | 76362 | 875//  | 29    | 42    |
| Leck                 | 7     | 022        | 11356 | 80818 | 10105 | 20098 | 40015 | 57023 |       | 76165 | 875//  | 26    | 39    |
| Husum                | 26    | 026        | 11457 | 80208 | 10104 | 20095 | 40004 | 58018 | 60041 | 76362 | 8802// |       |       |
| Flensburg/Meierwik   | 27    | 033        | 11360 | 80920 | 10105 | 20094 | 40012 | 57023 |       | 76165 | 877//  | 24    | 40    |
| Schleswig            | 43    | 035        | 11359 | 80916 | 10104 | 20097 | 40004 | 57023 | 60041 | 76362 | 877//  |       | 37    |
| Hohn                 | 12    | 038        | 11340 | 80912 | 10101 | 20076 | 49999 | 57021 |       | 76362 | 877//  |       | 29    |
| Kiel-Holtenau        | 31    | 046        | 11458 | 80915 | 10103 | 20086 | 49999 | 58023 |       | 76162 | 877//  |       | 34    |
| Puttgarden           | 1     | 063        | 16/60 | /0925 | 10111 | 20097 | 40021 | 57027 | 60021 |       |        | 32    | 41    |
| Arkona               | 42    | 091        | 11464 | 80835 | 10105 | 20086 | 40045 | 56016 | 69911 | 76162 | 877//  | 37    | 50    |
| Norderney            | 11    | 113        | 11240 | 8//   | 10099 | 20090 | 49979 | 57020 | 60171 | 76366 | 877//  |       |       |
| Bremerhaven          | 7     | 129        | 11362 | 80708 | 10097 | 20086 | 49979 | 57018 | 60131 | 76166 | 875//  |       | 30    |
| Cuxhaven             | 5     | 131        | 11350 | 81126 | 10106 | 20095 | 49984 | 58023 | 60111 | 76366 | 877//  | 33    | 41    |
| Hamburg, Flugh.      | 16    | 147        | 11356 | 81110 | 10098 | 20095 | 49989 | 57017 | 60111 | 76162 | 877//  |       | 29    |
| Luebeck-Blankensee   | 14    | 156        |       |       |       |       |       |       |       |       |        |       |       |
| Boltenhagen          | 15    | 161        | 11460 | 80930 | 10100 | 20088 | 49996 | 56028 | 60061 | 76366 | 8332// | 33    | 40    |
| Schwerin             | 59    | 162        | 11458 | 81010 | 10093 | 20078 | 49991 | 56021 | 60061 | 76162 | 877//  |       |       |
| Rostock-Warnemünde   | 4     | 170        | 11465 | 81010 | 10099 | 20094 | 40017 | 56027 | 60041 | 72166 | 8562// |       | 27    |
| Teterow              | 46    | 177        | 16/59 | /0915 | 10093 | 20084 | 40010 | 58023 | 60061 |       |        |       | 29    |
| Barth                | 7     | 180        | 16//  | ////  | 10101 | 20097 | 40025 | 58027 | 60041 |       |        |       |       |
| Greifswald           | 2     | 184        | 11560 | 80810 | 10098 | 20091 | 40030 | 58025 | 60031 | 76162 | 8472// |       | 27    |
| Ueckermünde          | 1     | 193        | 16/59 | /0812 | 10098 | 20091 | 40034 | 56022 | 60031 |       |        |       | 29    |
| Emden-Hafen          | 5     | 203        | 16/57 | /0708 | 10094 | 20094 | 49956 | 58019 | 60051 |       |        |       | 25    |
| Oldenburger          | 11    | 215        | 11240 | 80908 | 10102 | 20094 | 49974 | 57010 |       | 76166 |        |       | 25    |
| Ahlhorn              | 49    | 218        | 11240 | 81305 | 10105 | 20092 | 49969 | 57017 |       | 72062 | 876//  |       |       |
| Bremen, Flugh.       | 3     | 224        | 11257 | 81110 | 10103 | 20103 | 49965 | 58023 | 60051 | 72162 | 886//  |       | 28    |
| Soltau               | 77    | 235        | 11235 | 81109 | 10097 | 20099 | 49987 | 57018 | 60051 | 76362 | 877//  |       | 25    |
| Boizenburg           | 45    | 249        | 16/59 | /1009 | 10096 | 20088 | 49992 | 58008 | 60051 |       |        |       | 27    |
| Luechow              | 17    | 253        |       |       |       |       |       |       |       |       |        |       |       |
| Seehausen            | 21    | 261        | 11458 | 80911 | 10102 | 20099 | 49992 | 56022 | 60121 | 76366 | 877//  | 28    | 39    |
| Marnitz              | 81    | 264        | 16/50 | /1017 | 10091 | 20086 | 49990 | 56027 | 60131 |       |        |       | 32    |
| Neuruppin            | 38    | 270        | 11458 | 80807 | 10103 | 20096 | 49998 | 56025 | 60101 | 76566 | 8372// |       | 27    |
| Neubrandenburg       | 81    | 280        | 11257 | 80716 | 10088 | 20082 | 40012 | 58025 | 60051 | 76166 | 877//  |       | 28    |
| Angermünde           | 56    | 291        | 11960 | 80814 | 10104 | 20097 | 40003 | 58027 | 60041 | 72162 | 8707// |       | 26    |
| Lingen               | 22    | 305        | 16/32 | /1404 | 10109 | 20107 | 49956 | 56008 | 60061 |       |        |       |       |
| Muenster/Osnabrueck  | 48    | 315        | 11014 | 21403 | 10096 | 20096 | 49962 | 58007 | 60021 | 74161 | 82600  |       |       |
| Osnabrueck           | 95    | 317        | 16/59 | /1807 | 10108 | 20106 | 49965 | 57006 | 69981 |       |        |       |       |
| Guetersloh           | 72    | 320        | 11950 | 10402 | 10105 | 20099 | 49969 | 50000 | 69911 | 71051 | 81030  |       |       |
| Diepholz             | 39    | 321        |       |       |       |       |       |       |       |       |        |       |       |
| Bad Salzflie         | 135   | 325        | 36/56 | /1903 | 10108 | 20097 | 49971 | 58004 |       |       |        |       |       |
| Hannover, Flugh.     | 56    | 338        | 11358 | 80906 | 10106 | 20105 | 49970 | 57014 | 60021 | 75865 | 885//  |       | 28    |
| Braunschweig         | 81    | 348        | 11360 | 81307 | 10110 | 20099 | 49979 | 58005 | 60031 | 72162 | 885//  |       |       |
| Gardelegen           | 47    | 359        | 16/59 | /1004 | 10107 | 20102 | 49984 | 58003 | 60091 |       |        |       | 30    |
| Magdeburg            | 79    | 361        | 11340 | 81304 | 10110 | 20103 | 49989 | 55014 | 60141 | 76366 | 8672// |       |       |
| Potsdam              | 81    | 379        | 11240 | 81012 | 10105 | 20102 | 49988 | 56018 | 60051 | 76362 | 877//  |       | 30    |
| Berlin-Dahlem        | 51    | 381        | 11256 | 81008 | 10110 | 20101 | 49990 | 57023 | 60021 | 76365 | 887//  |       | 26    |
| Berlin-Tegel, Flugh. | 37    | 382        | 11256 | 81012 | 10109 | 20098 | 49992 | 57024 | 60041 | 76366 | 886//  |       |       |
| Berlin-Temp., Flugh. | 50    | 384        | 11257 | 81009 | 10110 | 20099 | 49993 | 57023 | 60031 | 76362 | 886//  |       |       |
| Berlin-Schönefeld    | 47    | 385        | 11145 | 80909 | 10110 | 20099 | 49993 | 57024 | 60011 | 76366 | 877//  |       |       |
| Lindenberg           | 98    | 393        | 11330 | 81011 | 10112 | 20106 | 49990 | 56023 | 69951 | 71062 | 876//  |       | 26    |
| Manschnow            | 12    | 396        | 16/56 | /0816 | 10108 | 20100 | 49993 | 58025 | 69931 |       |        |       | 28    |
| Duesseldorf, Flugh.  | 45    | 400        | 32775 | 51409 | 10110 | 20098 | 49956 | 57004 |       | 83561 |        |       |       |
| Bocholt              | 21    | 406        |       |       |       |       |       |       |       |       |        |       |       |
| Essen                | 152   | 410        | 11784 | 41707 | 10097 | 20091 | 49962 | 56002 | 69921 | 70281 | 84500  |       |       |
| Kahler Asten *       | 839   | 427        | 11/02 | 91909 | 10060 | 20060 | 48320 | 51004 | 69921 | 74164 |        |       |       |
| Bad Lippspringe      | 157   | 430        | 11560 | 51804 | 10115 | 20109 | 49971 | 53008 | 69901 | 70162 | 85500  | 21    | 27    |
| Kassel               | 231   | 438        | 11465 | 82008 | 10109 | 20098 | 49986 | 53012 | 69961 | 70265 | 875//  |       |       |
| 175                  | 444   |            |       |       |       |       |       |       |       |       |        |       |       |
| Goettingen           | 356   | 449        | 16//  | /2005 | 10105 | 20105 | 49983 | 53003 | 60021 |       |        | 21    | 31    |
| Leinefelde           | 607   | 452        | 16/01 | /1909 | 10089 | 20089 | 49984 | 51004 | 60051 |       |        |       |       |
| Braunlage            | 114   | 453        | 11/90 | 91925 | 10061 | 20061 | 48333 | 58004 | 60051 | 74565 |        |       | 27    |
| Brocken *            | 164   | 460        | 11430 | 81606 | 10109 | 20106 | 49986 | 50001 | 60131 | 76162 | 877//  |       | 34    |
| Artern               | 142   | 469        | 11540 | 80000 | 10112 | 20109 | 49988 | 50009 | 60091 | 76152 | 8552// |       |       |
| Leipzig-Schkeuditz   | 105   | 474        | 11450 | 80000 | 10115 | 20109 | 49989 | 55002 | 60111 | 76162 | 885//  |       | 26    |
| Wittenberg           | 150   | 480        | 11520 | 82305 | 10129 | 20128 | 49979 | 53003 | 60021 | 76162 | 877//  |       |       |
| Oschatz              | 230   | 488        | 11556 | 82403 | 10133 | 20124 | 49973 | 55002 | 69901 | 71062 | 8257// |       |       |
| Dresden-Klotzsche    | 97    | 490        | 11559 | 80807 | 10125 | 20118 | 49982 | 57011 | 69951 | 70265 | 885//  |       | 26    |
| Doberlug-Kirchhain   | 69    | 496        | 11543 | 80907 | 10126 | 20110 | 49984 | 56020 | 69901 | 71062 | 885//  |       | 25    |
| Cottbus              | 237   | 499        | 11257 | 81107 | 10131 | 20123 | 49980 | 56014 |       | 71022 | 876//  |       |       |
| Görlitz              | 202   | 501        | 32789 | 79091 | 10110 | 20092 | 49989 | 50011 |       |       |        |       |       |
| Aachen               | 118   | 502        | 42782 | 71406 | 10105 | 20087 | 49957 | 58001 |       |       |        |       |       |
| Noervenich           | 627   | 510        | 11775 | 71509 | 10075 | 20062 | 49969 | 50000 | 69901 | 72111 | 8151// |       |       |
| Nuerburg             | 91    | 513        | 32984 | 71109 | 10099 | 20088 | 49960 | 58002 |       |       |        |       | 87050 |
| Koeln/Bonn, Flugh.   | 127   | 515        | 36/60 | /0807 | 10101 | 20098 | 49971 | 50000 |       |       |        |       |       |
| Bendorf              | 547   | 526        |       |       |       |       |       |       |       |       |        |       |       |
| Bad Marienberg       | 186   | 532        | 32560 | 71406 | 10105 | 20092 | 49755 | 50005 |       |       |        |       |       |
| Glussen              | 212   | 542        |       |       |       |       |       |       |       |       |        |       |       |
| Bad Hersfeld         | 921   | 544        | 11/01 | 92015 | 10064 | 20064 | 48341 | 53001 | 60031 | 74764 |        |       | 25    |
| Wasserkuppe *        | 450   | 548        | 11560 | 81808 | 10096 | 20088 | 40000 | 53009 | 60051 | 72162 | 885//  |       | 38    |
| Weinlingen           | 937   | 552        | 16//  | /2220 | 10067 | 20067 | 48335 | 55008 | 60101 |       |        |       | 22    |
| Schmücke             | 315   | 554        | 11775 | 82507 | 10115 | 20109 | 49985 | 55000 | 60091 | 76164 | 875//  |       |       |
| Erfurt-Bindersleben  | 845   | 557        | 11/05 | 81807 | 10073 | 20068 | 48341 | 50000 | 60141 | 76064 | 877//  |       |       |
| Nehaus a.R. *        | 311   | 567        | 11225 | 81906 | 10114 | 20113 | 49994 | 51016 | 60071 | 76062 | 887//  |       |       |
| Gera-Leumnitz        | 418   | 577        | 11257 | 82415 | 10110 | 20109 | 49993 | 51023 | 69901 | 72052 | 878//  |       | 25    |
| Chemnitz             | 1213  | 578        | 31/01 | 92727 | 10068 | 20068 | 48345 | 50008 |       | 74544 |        |       | 30    |
| Fichtelberg *        | 877   | 582        | 36//  | /2009 | 10116 | 20108 | 48347 | 55001 |       |       |        |       | 21    |
| Zinnwald-Georg. *    | 265   | 609        | 32570 | 71712 | 10117 | 20067 | 49962 | 56003 |       |       |        |       | 28    |
| Trier-Petrisberg     | 480   | 615        | 43//  |       |       |       |       |       |       |       |        |       |       |
| Deuselbach           | 396   | 626        | 42361 | 70103 | 10082 | 20077 | 49986 | 57010 |       |       |        |       | 23    |
| Pferdsfeld           | 805   | 635        | 36/02 | /1609 | 10063 | 20063 | 48335 | 53004 |       |       |        |       |       |
| Kl. Feldberg/Ts. *   | 637   | 637        | 32466 | 60902 | 10110 | 20092 | 49980 | 53002 |       |       |        |       |       |
| Frankfurt/M. Flugh.  | 453   | 648        | 16/60 | /1709 | 10084 | 20084 | 49997 | 53001 | 69911 |       |        |       | 84570 |
| Michelstadt/Vielbrun | 268   | 655        | 11782 | 81408 | 10104 | 20095 | 40003 | 53005 | 60021 | 70262 | 875//  |       |       |
| Wuerzburg            | 262   | 658        |       |       |       |       |       |       |       |       |        |       |       |
| Bad Kissingen        | 322   | 671        | 16/60 | /1704 | 10107 | 20101 | 40009 | 51011 | 60101 |       |        |       |       |
| Coburg               | 239   | 675        |       |       |       |       |       |       |       |       |        |       |       |
| Bamberg              | 567   | 685        | 11440 | 82107 | 10097 | 20091 | 40006 | 52025 | 60061 | 76362 | 877//  |       |       |
| Hof                  | 438   | 688        | 11459 | 82304 | 10106 | 20104 | 40026 | 51024 | 69921 | 76062 | 877//  |       |       |
| Weiden               | 363   | 704        |       |       |       |       |       |       |       |       |        |       |       |
| Berus                | 396   | 706        |       |       |       |       |       |       |       |       |        |       |       |
| Tholey               | 322   | 708        |       |       |       |       |       |       |       |       |        |       |       |
| Saarbruecken, Flugh. | 553   | 724        | 32780 | 71709 | 10119 | 20067 | 49975 | 57007 |       |       |        |       |       |

| Station              | Hoehe    | 03 Uhr UTC |             |       |            |               |       |       | 00-03      |               |
|----------------------|----------|------------|-------------|-------|------------|---------------|-------|-------|------------|---------------|
|                      |          | 111<br>Rx  | 11hVV<br>Rx | Nddff | 1sTTT<br>n | 2sTTT<br>nddd | 4PPPP | Sappp | 7www<br>12 | 8NCCC<br>hLMH |
| Helgoland            | 4 015    | 41456      | 81030       | 10110 | 20095      | 49967         | 57025 | 75866 | 877//      | 30 37         |
| List/Sylt            | 26 020   | 41358      | 80923       | 10101 | 20094      | 49991         | 57022 | 76366 | 877//      | 23 35         |
| Leck                 | 7 022    | 41345      | 80919       | 10103 | 20096      | 49990         | 57025 | 76366 | 8572/      | 24 35         |
| Husum                | 26 026   | 41357      | 81014       | 10099 | 20094      | 49982         | 57022 | 76162 | 8472/      |               |
| Flensburg/Meterwik   | 27 033   | 41257      | 80921       | 10105 | 20095      | 49995         | 56017 | 75866 | 877//      | 22 37         |
| Schleswig            | 43 035   | 41359      | 81112       | 10102 | 20100      | 49987         | 57017 | 76366 | 877//      | 35            |
| Hohn                 | 12 038   | 41337      | 81108       | 10100 | 20078      | 49987         | 57012 | 76366 | 8872/      |               |
| Kiel-Holtenau        | 31 046   | 41350      | 81112       | 10101 | 20088      | 49987         | 57011 | 76166 | 877//      | 28            |
| Puttgarden           | 1 063    | 46/56      | /1023       | 10111 | 20104      | 40000         | 57021 |       |            | 30 44         |
| Arkona               | 42 091   | 41464      | 80932       | 10105 | 20098      | 40013         | 56032 | 76566 | 877//      | 39 55         |
| Norderney            | 11 113   | 41360      | 81111       | 10099 | 20088      | 49958         | 57021 | 76166 | 877//      |               |
| Bremerhaven          | 7 129    | 41364      | 81107       | 10103 | 20090      | 49963         | 57015 | 72166 | 877//      |               |
| Cuxhaven             | 5 131    | 41240      | 81119       | 10105 | 20096      | 49966         | 57018 | 75365 | 877//      | 24 30         |
| Hamburg, Flugh.      | 16 147   | 41258      | 81106       | 10100 | 20100      | 49973         | 57016 | 76162 | 877//      |               |
| Luebeck-Blankensee   | 14 156   |            |             |       |            |               |       |       |            |               |
| Boltenhagen          | 15 161   | 41460      | 81122       | 10106 | 20097      | 49977         | 56019 | 76366 | 8332/      | 30 38         |
| Schwerin             | 59 162   | 41335      | 81013       | 10095 | 20082      | 49974         | 56017 | 76366 | 877//      | 27            |
| Rostock-Warnemuende  | 4 170    | 41356      | 81115       | 10103 | 20101      | 49992         | 58025 | 76366 | 877//      | 31            |
| Teterow              | 46 177   | 46/59      | /0909       | 10092 | 20086      | 49989         | 58021 |       |            |               |
| Barth                | 7 180    | 46//       | ////        | 10102 | 20101      | 40003         | 58022 |       |            |               |
| Greifswald           | 2 184    | 41430      | 80811       | 10101 | 20094      | 49998         | 57032 | 76566 | 8272/      | 31            |
| Ueckermuende         | 1 193    | 46/27      | /0912       | 10098 | 20093      | 40005         | 56029 |       |            | 35            |
| Emden-Hafen          | 5 203    | 46/43      | /1008       | 10100 | 20100      | 49944         | 58012 |       |            |               |
| Oldenburg            | 11 215   | 41230      | 81305       | 10110 | 20101      | 49961         | 57014 | 71062 | 887//      |               |
| Ahlhorn              | 49 218   | 41240      | 80902       | 10107 | 20098      | 49962         | 57007 | 71022 | 886//      |               |
| Bremen, Flugh.       | 3 224    | 41240      | 71205       | 10107 | 20107      | 49959         | 58006 | 71022 | 876//      |               |
| Soltau               | 77 235   | 41125      | 81204       | 10102 | 20101      | 49972         | 57014 | 72162 | 877//      |               |
| Boizenburg           | 45 249   | 46/59      | /1109       | 10095 | 20090      | 49978         | 56014 |       |            |               |
| Luechow              | 17 253   |            |             |       |            |               |       |       |            |               |
| Seehausen            | 21 261   | 41360      | 81204       | 10102 | 20101      | 49980         | 57011 | 76166 | 877//      |               |
| Marnitz              | 81 264   | 46/60      | /0907       | 10094 | 20091      | 49976         | 58013 |       |            | 26            |
| Neuruppin            | 38 270   | 41958      | 80705       | 10105 | 20102      | 49985         | 58013 | 76066 | 8802/      |               |
| Neubrandenburg       | 81 280   | 41220      | 80811       | 10093 | 20088      | 49996         | 56016 | 76566 | 877//      |               |
| Angermuende          | 56 291   | 41958      | 81004       | 10106 | 20101      | 49990         | 56013 | 76562 | 8707/      |               |
| Lingen               | 22 305   | 46/20      | /1203       | 10102 | 20100      | 49942         | 58014 |       |            |               |
| Muenster/Osnabrueck  | 48 315   | 41756      | 41102       | 10089 | 20085      | 49950         | 57012 | 70341 | 84500      |               |
| Osnabrueck           | 95 317   | 46/60      | /0803       | 10089 | 20082      | 49953         | 58013 |       |            |               |
| Guetersloh           | 72 320   |            |             |       |            |               |       |       |            |               |
| Diepholz             | 39 321   | 41001      | 90903       | 10082 | 20075      | 49966         | 55006 | 74700 |            |               |
| Bad Salzfluen        | 135 325  | 46/59      | /2003       | 10095 | 20088      | 49963         | 58009 |       |            |               |
| Hannover, Flugh.     | 56 338   | 41220      | 31002       | 10091 | 20091      | 49965         | 57005 | 74011 | 83600      |               |
| Braunschweig         | 81 348   | 42560      | 81603       | 10109 | 20098      | 49971         | 57008 | 885// |            |               |
| Gardellegen          | 47 359   | 46/59      | /1302       | 10108 | 20104      | 49973         | 58011 |       |            |               |
| Magdeburg            | 79 361   | 41440      | 81604       | 10113 | 20107      | 49978         | 58011 | 72162 | 886//      |               |
| Potsdam              | 81 379   | 41020      | 81005       | 10109 | 20107      | 49981         | 58007 | 76166 | 877//      |               |
| Berlin-Dahlem        | 51 381   | 41256      | 80604       | 10112 | 20105      | 49980         | 58010 | 76066 | 887//      |               |
| Berlin-Tegel, Flugh. | 37 382   | 41248      | 80603       | 10111 | 20102      | 49984         | 56008 | 72166 | 875//      |               |
| Berlin-Temp., Flugh. | 50 384   | 41240      | 80804       | 10113 | 20104      | 49986         | 58007 | 76166 | 875//      |               |
| Berlin-Schoenefeld   | 47 385   | 41323      | 80402       | 10115 | 20109      | 49981         | 58007 | 76366 | 8672/      |               |
| Lindenbergl          | 98 393   | 41220      | 81403       | 10120 | 20115      | 49983         | 56007 | 76162 | 877//      |               |
| Manschnow            | 12 396   | 46/37      | /0000       | 10116 | 20107      | 49985         | 55008 |       |            | 25            |
| Duesseldorf, Flugh.  | 45 400   | 41662      | 71510       | 10111 | 20097      | 49939         | 57017 | 72162 | 83532      |               |
| Bocholt              | 21 406   |            |             |       |            |               |       |       |            |               |
| Essen                | 152 410  | 41784      | 71707       | 10108 | 20095      | 49947         | 57014 | 76011 | 875//      |               |
| Kahler Asten *       | 839 427  | 41/02      | 91711       | 10059 | 20059      | 48315         | 58005 | 74144 |            |               |
| Bad Lippspringe      | 157 430  | 42765      | 71507       | 10111 | 20091      | 49959         | 58012 |       | 875//      |               |
| Kassel               | 231 438  | 42465      | 72007       | 10096 | 20085      | 49980         | 58007 |       | 875//      |               |
| Goettingen           | 175 444  |            |             |       |            |               |       |       |            |               |
| Leinefelde           | 356 449  | 46//       | /0902       | 10094 | 20083      | 49974         | 58010 |       |            |               |
| Braunlage            | 607 452  | 46/58      | /2206       | 10079 | 20079      | 49978         | 56008 |       |            |               |
| Brocken *            | 1142 453 | 41/80      | 72228       | 10038 | 20036      | 48328         | 56004 | 74142 | 875//      | 30 39         |
| Artern               | 164 460  | 41560      | 82105       | 10107 | 20096      | 49985         | 58001 | 70162 | 875//      |               |
| Lipzlg-Schkeuditz    | 142 469  | 41550      | 81908       | 10113 | 20110      | 49986         | 58001 | 72162 | 8552/      |               |
| Wittenberg           | 105 474  | 41570      | 82102       | 10108 | 20095      | 49975         | 58013 | 72162 | 876//      |               |
| Oschatz              | 150 480  | 41598      | 82207       | 10125 | 20121      | 49983         | 50003 | 76062 | 877//      |               |
| Dresden-Klotzsche    | 230 488  | 41881      | 82304       | 10134 | 20113      | 49989         | 50016 | 72162 | 8652/      |               |
| Doberlug-Kirchhain   | 97 490   | 41559      | 82402       | 10126 | 20124      | 49985         | 50003 | 72162 | 885//      |               |
| Cottbus              | 69 496   | 41535      | 81302       | 10131 | 20122      | 49982         | 58001 | 72162 | 885//      |               |
| Gorlitz              | 237 499  | 41556      | 82610       | 10134 | 20129      | 49991         | 50011 | 71022 | 875//      |               |
| Aachen               | 202 501  | 42789      | 71912       | 10125 | 20087      | 49923         | 56016 |       | 8157/      | 26            |
| Noervenich           | 118 502  | 42980      | 71006       | 10103 | 20082      | 49941         | 57016 |       | 8703/      |               |
| Nuerburg             | 627 510  | 41262      | 81610       | 10080 | 20072      | 49960         | 58007 | 76161 | 885//      |               |
| Koeln/Bonn, Flugh.   | 91 513   | 42982      | 51108       | 10104 | 20083      | 49950         | 58009 | 85030 |            |               |
| Bendorf              | 127 515  | 46/60      | /0907       | 10109 | 20096      | 49963         | 55008 |       |            |               |
| Bad Marienberg       | 547 526  |            |             |       |            |               |       |       |            |               |
| Glessen              | 186 532  | 42560      | 51104       | 10097 | 20084      | 49751         | 58004 |       | 85500      |               |
| Bad Hersfeld         | 212 542  |            |             |       |            |               |       |       |            |               |
| Wasserkuppe *        | 921 544  | 41445      | 71917       | 10053 | 20047      | 48333         | 58005 | 72842 | 875//      | 21 27         |
| Meiningen            | 450 548  | 42560      | 81707       | 10090 | 20085      | 49994         | 57006 |       | 885//      |               |
| Schmuেকে             | 937 552  | 46//       | /2215       | 10060 | 20056      | 48338         | 51004 |       |            | 25 36         |
| Erfurt-Bindersleben  | 315 554  | 41980      | 82005       | 10104 | 20083      | 49983         | 55004 | 70262 | 80007      |               |
| Neuhaus a.R. *       | 845 557  | 41/30      | 72008       | 10063 | 20059      | 48339         | 55000 | 74064 | 871//      |               |
| Gera-Leumnitz        | 311 567  | 41480      | 82108       | 10111 | 20102      | 49991         | 58003 | 76066 | 887//      |               |
| Chemnitz             | 418 577  | 41875      | 82108       | 10112 | 20079      | 49992         | 58002 | 76022 | 8257/      |               |
| Fichtelberg *        | 123 578  | 41780      | 82524       | 10062 | 20048      | 48345         | 50000 | 72842 | 86070      | 33 45         |
| Zinnwald-Georg. *    | 877 582  | 46//       | /2709       | 10099 | 20060      | 49988         | 50008 |       |            | 25            |
| Trier-Petrisberg     | 265 609  | 41580      | 71614       | 10111 | 20079      | 49951         | 57012 | 72122 | 8653/      | 26            |
| Deuselbach           | 480 615  |            |             |       |            |               |       |       |            |               |
| Pferdsfeld           | 396 626  | 41159      | 81703       | 10095 | 20076      | 49976         | 57007 | 76162 | 8572/      |               |
| Kl.Feldberg/Ts. *    | 805 635  | 46/01      | /1712       | 10065 | 20065      | 48326         | 56011 |       |            |               |
| Frankfurt/M., Flugh. | 111 637  | 41768      | 70702       | 10095 | 20089      | 49981         | 58005 | 72162 | 8657/      |               |
| Michelstadt/Vielbrun | 453 648  | 46/60      | /1911       | 10094 | 20085      | 49986         | 57008 |       |            |               |
| Wuerzburg            | 268 655  | 42782      | 81305       | 10100 | 20085      | 49993         | 58009 |       | 8553/      |               |
| Bad Kissingen        | 262 658  |            |             |       |            |               |       |       |            |               |
| Coburg               | 322 671  | 46/60      | /1705       | 10099 | 20096      | 40005         | 56005 |       |            |               |
| Bamberg              | 239 675  |            |             |       |            |               |       |       |            |               |
| Hof                  | 567 685  | 41556      | 71807       | 10086 | 20082      | 40002         | 57006 | 72162 | 8553/      |               |
| Weiden               | 438 688  | 41562      | 81506       | 10097 | 20096      | 40014         | 58013 | 76162 | 875//      |               |
| Berus                | 363 704  |            |             |       |            |               |       |       |            |               |
| Tholey               | 396 706  |            |             |       |            |               |       |       |            |               |
| Saarbruecken, Flugh. | 322 708  | 42680      | 71507       | 10117 | 20071      | 49970         | 57005 |       | 875//      |               |
| Weinbiet             | 553 724  |            |             |       |            |               |       |       |            |               |
| Karlsruhe            | 112 727  |            |             |       |            |               |       |       |            |               |
| Mannheim             | 96 729   | 42870      | 61909       | 10114 | 20094      | 49986         | 56005 |       | 86030      |               |
| Stuttgart, Flugh.    | 396 738  | 41663      | 81803       | 10103 | 20086      | 40001         | 50000 | 76162 | 8557/      |               |
| Stuttgart/Schnarrenb | 314 739  | 41781      | 81609       | 10108 | 20084      | 49999         | 52001 | 76162 | 8257/      |               |
| Oehring              | 276 742  | 46/60      | /1903       | 10115 | 20074      | 49998         | 56008 |       |            |               |
| Weissenburg          | 422 761  | 46/60      | /1808       | 10100 | 20090      | 40015         | 56009 |       |            |               |
| Nuernberg            | 319 763  | 42670      | 61407       | 10098 | 20086      | 40012         | 57011 |       | 8353/      |               |
| Regensburg           | 366 776  | 42784      | 81703       | 10111 | 20087      | 40020         | 57008 |       | 875//      |               |
| Gr. Arber *          | 1437 791 |            |             |       |            |               |       |       |            |               |
| Freiburg             | 269 803  | 42683      | 71308       | 10136 | 20070      | 49987         | 57005 |       | 8457/      |               |
| Freudenstadt *       | 797 815  | 46/58      | /1704       | 10072 | 20070      | 48344         | 58002 |       |            |               |
| Klippeneck *         | 973 818  | 46//       | /1515       | 10063 | 20060      | 48351         | 56005 |       |            |               |
| Stoetten             | 734 836  | 41689      | 71807       | 10076 | 20068      | 40013         | 57003 | 70162 | 875//      |               |
| Ulm                  | 567 838  | 46/60      | /1902       | 10085 | 20085      | 40016         | 56004 |       |            |               |
| Augsburg             | 461 852  | 41782      | 81709       | 10098 | 20089      | 40021         | 57012 | 70262 | 885//      |               |
| Nueberg/Donau        | 381 857  | 42765      | 81903       | 10098 | 20081      | 40032         | 56008 |       | 885//      |               |
| Landsherg            | 623 857  | 42765      | 81607       | 10099 | 20073      | 40037         | 56011 |       | 885//      |               |
| Fuerstenfeldbruck    | 519 858  | 41770      | 81806       | 10103 | 20073      | 40029         | 57009 | 72162 | 885//      |               |
| Muenchen, Flugh.     | 453 870  | 42780      | 81804       | 10105 | 20079      | 40029         |       |       |            |               |

| Station              | Hoehe    | ihVW  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwWW | 8NCCC  | ff-ff | 1sTTT | 2sTTT | 3EsTT | 06    | V.T. | V.T.        |
|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|------|-------------|
|                      | Rx       |       |       | n     | nddd  |       |       | R     | 12    | hLMH   | xx    | xxxx  | nnnn  | ngg   |       |      |             |
| Helgoland            | 4 015    | 11365 | 81318 | 10118 | 20109 | 49955 | 56012 | 60192 | 72065 | 876//  | 30    | 37    | 10126 | 20107 | 32010 |      | 55005 70194 |
| List/Sylt            | 26 020   | 11365 | 80926 | 10106 | 20099 | 49970 | 57021 | 60142 | 75066 | 877//  | 28    | 41    | 10116 | 20088 | 31008 |      | 55005 70142 |
| Leck                 | 7 022    | 11360 | 81111 | 10107 | 20102 | 49978 | 56012 | 60152 | 72065 | 877//  | 24    | 35    | 10113 | 20089 | 32009 |      | 55008 70152 |
| Husum                | 26 026   | 11360 | 81112 | 10099 | 20094 | 49975 | 56007 | 60192 | 75165 | 875//  |       |       | 10117 | 20099 | 31010 |      | 55000 70215 |
| Flensburg/Meterwik   | 27 033   | 11350 | 81116 | 10110 | 20105 | 49978 | 58017 | 60182 | 76165 | 8572// | 22    | 37    | 10113 | 20097 | 32010 |      | 55// 70176  |
| Schleswig            | 43 035   | 11712 | 81010 | 10100 | 20095 | 49977 | 57010 | 60212 | 75165 | 877//  | 35    | 10113 | 20100 | 32010 |       |      | 55001 70220 |
| Hohn                 | 12 038   | 11350 | 81006 | 10100 | 20079 | 49975 | 57012 | 60182 | 75166 | 877//  |       |       | 10117 | 20098 | 32010 |      | 55000 70179 |
| Kiel-Holtenau        | 31 046   | 11257 | 81006 | 10101 | 20093 | 49974 | 57013 | 60142 | 75165 | 887//  | 28    | 10116 | 20100 | 32010 |       |      | 55001 70145 |
| Puttgarden           | 1 063    | 16756 | 11118 | 10109 | 20109 | 49987 | 57013 | 60172 |       |        | 30    | 44    | 10123 | 20107 | 37010 |      | 55001 70165 |
| Arkona               | 42 091   | 11350 | 80838 | 10108 | 20104 | 49983 | 55030 | 60172 | 76366 | 877//  | 45    | 55    | 10115 | 20103 | 32009 |      | 55022 70183 |
| Norderney            | 11 113   | 11358 | 77777 | 10103 | 20096 | 49949 | 58009 | 60182 | 70162 | 876//  |       |       | 10107 | 20095 | 31006 |      | 55000 70197 |
| Bremerhaven          | 7 129    | 11257 | 71207 | 10108 | 20097 | 49956 | 57007 | 60142 | 71062 | 876//  |       |       | 10108 | 20095 | 31009 |      | 55000 70146 |
| Cuxhaven             | 5 131    | 11364 | 81412 | 10111 | 20098 | 49960 | 56006 | 60132 | 70265 | 876//  | 24    | 30    | 10119 | 20102 | 31010 |      | 55008 70126 |
| Hamburg, Flugh.      | 16 147   | 11157 | 81107 | 10103 | 20103 | 49963 | 56010 | 60152 | 75065 | 877//  |       |       | 10106 | 20096 | 32009 |      | 55006 70159 |
| Luebeck-Blankensee   | 14 156   | 11450 | 81006 | 10098 | 20092 | 49972 | 57010 | 60132 | 75166 | 885//  |       |       | 10108 | 20092 | 31009 |      | 55014 70134 |
| Boltenhagen          | 15 161   | 11458 | 81216 | 10102 | 20093 | 49965 | 58012 | 60162 | 76366 | 8432// | 30    | 38    | 10116 | 20098 | 32009 |      | 55006 70155 |
| Schwerin             | 59 162   | 11456 | 81106 | 10098 | 20087 | 49963 | 58011 | 60142 | 72162 | 876//  | 27    | 10102 | 20092 | 31009 |       |      | 55023 70139 |
| Rostock-Warnemünde   | 4 170    | 11457 | 81207 | 10104 | 20104 | 49979 | 56012 | 60142 | 76066 | 877//  | 31    | 10103 | 20095 | 32009 |       |      | 55007 70144 |
| Teterow              | 46 177   | 11380 | 80906 | 10094 | 20087 | 49970 | 56019 | 60232 | 70267 | 8562// |       |       | 10118 | 20100 | 32008 |      | 55028 70230 |
| Barth                | 7 180    | 11330 | 80910 | 10108 | 20108 | 49984 | 56019 | 60172 | 76166 | 877//  |       |       | 10118 | 20100 | 32008 |      | 55// 70149  |
| Greifswald           | 2 184    | 11440 | 81007 | 10099 | 20095 | 49982 | 58016 | 60232 | 75365 | 8472// | 31    | 10115 | 20097 | 32008 |       |      | 55024 70227 |
| Ueckermünde          | 1 193    | 11362 | 81003 | 10100 | 20098 | 49986 | 56019 | 60222 | 72167 | 886//  | 35    | 10115 | 20094 | 32009 |       |      | 55016 70216 |
| Emden-Hafen          | 5 203    | 11450 | 81108 | 10107 | 20107 | 49943 | 56009 | 60052 | 71062 | 875//  |       |       | 10107 | 20093 | 31009 |      | 55000 70095 |
| Oldenburg            | 11 215   | 11230 | 71406 | 10103 | 20101 | 49954 | 55007 | 60032 | 71061 | 876//  |       |       | 10110 | 20098 | 31008 |      | 55000 70049 |
| Ahlhorn              | 49 218   | 11116 | 71204 | 10098 | 20091 | 49953 | 55009 | 60042 | 72842 | 875//  |       |       | 10110 | 20097 | 32009 |      | 55// 70039  |
| Bremen, Flugh.       | 3 224    | 11248 | 71205 | 10112 | 20112 | 49952 | 57007 | 60052 | 71022 | 876//  |       |       | 10112 | 20098 | 31010 |      | 55000 70052 |
| Sozial               | 77 235   | 11230 | 71505 | 10106 | 20106 | 49970 | 55002 | 60082 | 71062 | 878//  |       |       | 10106 | 20090 | 31009 |      | 55000 70083 |
| Bolzenburg           | 47 345   | 11013 | 72004 | 10117 | 20119 | 49969 | 56005 | 60062 | 72057 | 886//  |       |       | 10098 | 20089 | 31009 |      | 55000 70064 |
| Luechow              | 17 253   | 11257 | 81502 | 10100 | 20105 | 49970 | 56010 | 60032 | 72166 | 83106  |       |       | 10112 | 20106 | 31009 |      | 55000 70046 |
| Seehausen            | 21 261   | 11440 | 81404 | 10106 | 20106 | 49971 | 55009 | 60172 | 71062 | 876//  |       |       | 10107 | 20099 | 32009 |      | 55005 70170 |
| Marnitz              | 81 264   | 11465 | 80000 | 10099 | 20097 | 49966 | 56010 | 60212 | 72587 | 873//  | 26    | 10099 | 20091 | 31009 |       |      | 55// 70144  |
| Neuruppin            | 38 270   | 11258 | 71103 | 10110 | 20106 | 49977 | 57008 | 60222 | 70362 | 871//  |       |       | 10110 | 20102 | 32010 |      | 55011 70217 |
| Neubrandenburg       | 81 280   | 11456 | 80808 | 10094 | 20090 | 49978 | 56018 | 60192 | 71062 | 876//  |       |       | 10103 | 20087 | 31008 |      | 55024 70193 |
| Angermünde           | 56 291   | 11940 | 81602 | 10110 | 20106 | 49975 | 55014 | 60192 | 76162 | 8702// |       |       | 10110 | 20100 | 31009 |      | 55008 70186 |
| Lingen               | 22 305   | 11658 | 71003 | 10099 | 20097 | 49935 | 57007 | 60062 | 72122 | 875//  |       |       | 10110 | 20098 | 31009 |      | 55000 70089 |
| Muenster/Osnabrueck  | 48 315   | 11770 | 71306 | 10098 | 20089 | 49942 | 57008 | 60022 | 70141 | 82571  |       |       | 10114 | 20082 | 31007 |      | 55000 70036 |
| Osnabrueck           | 95 317   | 12670 | 71507 | 10108 | 20089 | 49948 | 57004 | 69982 |       | 875//  |       |       | 10110 | 20088 | 31005 |      | 55000 70023 |
| Gaersfelde           | 72 310   | 11735 | 71407 | 10117 | 20119 | 49952 | 56008 | 69912 |       | 84532  | 1///  |       | 10093 | 31004 |       |      | 55// 70028  |
| Diepholz             | 39 321   | 11330 | 71206 | 10092 | 20082 | 49957 | 57007 | 60032 | 71024 |        |       |       | 10103 | 20093 | 31005 |      | 55000 70028 |
| Bad Salzuflen        | 135 325  | 12775 | 71203 | 10101 | 20088 | 49957 | 56005 | 69902 |       | 875//  |       |       | 10115 | 20094 | 31007 |      | 55000 70022 |
| Hannover, Flugh.     | 56 338   | 11557 | 61505 | 10102 | 20098 | 49960 | 57005 | 60032 | 71116 | 86500  |       |       | 10112 | 20090 | 31006 |      | 55000 70050 |
| Braunschweig         | 81 348   | 12563 | 61803 | 10093 | 20087 | 49969 | 58003 | 60032 |       | 86530  |       |       | 10111 | 20088 | 31005 |      | 55000 70036 |
| Gardelegen           | 47 359   | 11430 | 61904 | 10110 | 20107 | 49969 | 58004 | 60122 | 710// | 84630  |       |       | 10112 | 20100 | 31010 |      | 55000 70122 |
| Magdeburg            | 79 361   | 11540 | 71704 | 10102 | 20095 | 49975 | 56003 | 60172 | 71062 | 85202  |       |       | 10114 | 20101 | 32009 |      | 55000 70156 |
| Potsdam              | 81 379   | 11256 | 32105 | 10106 | 20105 | 49980 | 57001 | 60172 | 71064 | 81578  |       |       | 10110 | 20104 | 31010 |      | 55009 70173 |
| Berlin-Dahlem        | 51 381   | 11120 | 72104 | 10110 | 20105 | 49978 | 55002 | 60182 | 71062 | 876//  |       |       | 10117 | 20104 | 31009 |      | 55019 70182 |
| Berlin-Tegel, Flugh. | 37 382   | 11356 | 41703 | 10120 | 20113 | 49976 | 58008 | 60172 | 71066 | 81631  |       |       | 10120 | 20106 | 31009 |      | 55024 70170 |
| Berlin-Temp., Flugh. | 50 384   | 11239 | 72104 | 10118 | 20118 | 49979 | 55006 | 60152 | 71062 | 876//  |       |       | 10118 | 20106 | 31008 |      | 55013 70151 |
| Berlin-Schoenefeld   | 47 385   | 11013 | 72205 | 10117 | 20119 | 49976 | 55001 | 60132 | 71062 | 876//  |       |       | 10117 | 20106 | 31010 |      | 55002 70125 |
| Lindenberg           | 98 393   | 11315 | 62100 | 10122 | 20120 | 49982 | 55001 | 60032 | 72166 | 83106  |       |       | 10112 | 20106 | 32009 |      | 55000 70029 |
| Manschnow            | 12 396   | 11233 | 82004 | 10125 | 20120 | 49977 | 55008 | 60052 | 71066 | 876//  | 25    | 10125 | 20105 | 31010 |       |      | 55001 70138 |
| Duesseldorf, Flugh.  | 45 400   | 11865 | 51310 | 10110 | 20091 | 49931 | 57008 | 69912 | 70162 | 82530  | 28    | 10133 | 20091 | 31007 |       |      | 55001 70168 |
| Bocholt              | 21 406   | 12670 | 61606 | 10109 | 20092 | 49931 | 57007 | 60022 |       | 83531  |       |       | 10122 | 20097 | 31008 |      | 55000 70168 |
| Essen                | 152 410  | 11784 | 31709 | 10111 | 20079 | 49936 | 57011 | 69932 | 70186 | 81531  |       |       | 10123 | 20089 | 31006 |      | 55000 70094 |
| Kahler Asten         | 839 427  | 11005 | 91913 | 10064 | 20064 | 48308 | 57008 | 69922 | 74144 |        |       |       | 10086 | 20057 | 31005 |      | 55000 70039 |
| Bad Lippspringe      | 157 430  | 11770 | 71707 | 10116 | 20092 | 49957 | 58002 | 69902 | 72111 | 86542  |       |       | 10120 | 20102 | 31007 |      | 55000 70018 |
| Kassel               | 231 438  | 13981 | 61902 | 10084 | 20082 | 49973 | 57008 | 69962 |       | 83042  |       |       | 10120 | 20084 | 31005 |      | 55000 70081 |
| Goettingen           | 175 444  | 12670 | 41803 | 10104 | 20077 | 49976 | 57004 | 60022 |       | 81532  |       |       | 10119 | 20093 | 31007 |      | 55000 70059 |
| Leinefelde           | 607 452  | 12580 | 72407 | 10074 | 20073 | 49972 | 58002 | 60022 |       | 8457// |       |       | 10107 | 20092 | 31007 |      | 55000 70025 |
| Braunlage            | 607 452  | 12580 | 72407 | 10074 | 20073 | 49972 | 58002 | 60022 |       | 8457// |       |       | 10107 | 20092 | 31007 |      | 55000 70025 |
| Brocken              | 1142 453 | 11789 | 72235 | 10045 | 20036 | 48319 | 58010 | 60022 | 74142 | 82571  | 35    | 43    | 10089 | 20071 | 31006 |      | 55000 70064 |
| Artern               | 164 460  | 11585 | 72002 | 10097 | 20086 | 49982 | 56004 | 60132 | 70362 | 8657// |       |       | 10115 | 20093 | 32008 |      | 55000 70134 |
| Leipzig-Schkeuditz   | 142 469  | 11970 | 61908 | 10100 | 20092 | 49986 | 55001 | 60102 | 70361 | 84052  |       |       | 10116 | 20099 | 31009 |      | 55000 70101 |
| Wittenberg           | 105 474  | 11968 | 32202 | 10106 | 20102 | 49981 | 51005 | 60132 | 70361 | 81044  |       |       | 10115 | 20103 | 31008 |      | 55000 70124 |
| Oschatz              | 150 480  | 11999 | 62304 | 10105 | 20095 | 49986 | 53002 | 60022 | 70361 | 86050  |       |       | 10130 | 20104 | 32009 |      | 55000 70023 |
| Dresden-Klotzsche    | 230 488  | 11581 | 71706 | 10134 | 20087 | 49993 | 53003 | 69922 | 76062 | 878//  |       |       | 10136 | 20125 | 31011 |      | 55002 70003 |
| Doberslug-Kirchhain  | 97 490   | 11560 | 62207 | 10115 | 20107 | 49986 | 53001 | 60032 | 70361 | 81472  |       |       | 10129 | 20114 | 31010 |      | 55000 70026 |
| Cottbus              | 69 496   | 11625 | 72204 | 10122 | 20116 | 49989 | 53006 | 69982 | 71062 | 8153// |       |       | 10132 | 20117 | 31011 |      | 55000 70008 |
| Merzfeld             | 237 499  | 11735 | 71913 | 10117 | 20119 | 49987 | 57002 | 69902 | 72582 | 873//  |       |       | 10140 | 20119 | 31010 |      | 55000 79999 |
| Aachen               | 202 501  | 11780 | 71709 | 10124 | 20091 | 49914 | 5     |       |       |        |       |       |       |       |       |      |             |

| Station             | Hoehe<br>111 | 1shVV<br>Rx | 1shVV<br>Nddff | 1sTTT<br>n | 2sTTT<br>nddd | 4PPPP<br>Sappp | 7wwWW<br>12 | 8NCCC<br>hLMH | ff-ff<br>xx gg | 2sTTT<br>nmm | Erdbodentemp.   |                 |                 |                 |  |  |  |  |  |  |
|---------------------|--------------|-------------|----------------|------------|---------------|----------------|-------------|---------------|----------------|--------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|--|--|
|                     |              |             |                |            |               |                |             |               |                |              | 07 Uhr UTC      |                 |                 |                 |  |  |  |  |  |  |
|                     |              |             |                |            |               |                |             |               |                |              | 05<br>sTTT<br>n | 10<br>sTTT<br>n | 20<br>sTTT<br>n | 50<br>sTTT<br>n |  |  |  |  |  |  |
| Helgoland           | 4            | 015         | 42470          | 71315      | 10121         | 20101          | 49958       | 53003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| List/Sylt           | 26           | 020         | 41230          | 80917      | 10109         | 20105          | 49971       | 53001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Leck                | 7            | 022         | 41256          | 81009      | 10116         | 20112          | 49976       | 56002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Husum               | 26           | 026         | 41365          | 71110      | 10109         | 20102          | 49973       | 56002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Flensburg/Meterwik  | 27           | 033         | 41360          | 80813      | 10116         | 20109          | 49974       | 56004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Schleswig           | 43           | 035         | 41465          | 61206      | 10106         | 20105          | 49971       | 57006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Hohn                | 12           | 038         | 41260          | 80906      | 10115         | 20087          | 49970       | 56005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Kiel-Holtenau       | 31           | 046         | 41260          | 81203      | 10106         | 20099          | 49970       | 56004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Puttgarden          | 1            | 063         | 46760          | 71410      | 10111         | 20109          | 49976       | 57011         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Arkona              | 42           | 091         | 41360          | 81115      | 10106         | 20102          | 49979       | 56004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Norderney           | 11           | 113         | 41357          | 81111      | 10113         | 20102          | 49950       | 53001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bremenhaven         | 7            | 129         | 42466          | 71210      | 10131         | 20105          | 49954       | 56002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Cuxhaven            | 5            | 131         | 42465          | 71209      | 10119         | 20099          | 49959       | 55001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Hamburg, Flugh.     | 16           | 147         | 41362          | 71504      | 10120         | 20113          | 49966       | 52003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Luebeck-Blankensee  | 14           | 156         | 41358          | 81506      | 10120         | 20109          | 49970       | 56002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Boitenhagen         | 15           | 161         | 41462          | 81905      | 10106         | 20102          | 49960       | 58005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Schwerin            | 59           | 162         | 41450          | 82303      | 10111         | 20101          | 49958       | 58005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Rostock-Warnemuende | 4            | 170         | 41464          | 81505      | 10106         | 20106          | 49970       | 58009         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Teterow             | 46           | 177         | 41156          | 81606      | 10112         | 20107          | 49966       | 58003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Barth               | 7            | 180         | 41340          | 81306      | 10106         | 20106          | 49971       | 56013         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Greifswald          | 2            | 184         | 41440          | 81505      | 10106         | 20103          | 49976       | 56006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Gardelmuende        | 47           | 359         | 42470          | 71505      | 10143         | 20114          | 49978       | 53010         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Emden-Hafen         | 5            | 203         | 41358          | 71009      | 10120         | 20118          | 49941       | 57002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Oldenburg           | 11           | 215         | 42460          | 61507      | 10145         | 20106          | 49946       | 55007         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Ahlhorn             | 49           | 218         | 42465          | 71606      | 10145         | 20105          | 49951       | 55001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bremen, Flugh.      | 3            | 224         | 42462          | 61306      | 10124         | 20110          | 49951       | 57001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Soltau              | 77           | 235         | 42460          | 71504      | 10125         | 20108          | 49965       | 56005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Boizenburg          | 45           | 249         | 42458          | 41502      | 10129         | 20125          | 49964       | 58004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Luechow             | 17           | 253         | 42562          | 72105      | 10135         | 20105          | 49972       | 53002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Seehausen           | 21           | 261         | 42465          | 61704      | 10141         | 20119          | 49977       | 53006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Marnitz             | 81           | 264         | 42460          | 81802      | 10114         | 20109          | 49966       | 53001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Neuruppin           | 38           | 270         | 42358          | 72304      | 10123         | 20110          | 49985       | 57003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Neubrandenburg      | 81           | 280         | 41366          | 81005      | 10143         | 20110          | 49979       | 50002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Angermuende         | 56           | 291         | 41450          | 81705      | 10127         | 20119          | 49977       | 56002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Lingen              | 22           | 305         | 42765          | 71506      | 10131         | 20117          | 49932       | 56003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Muenster/Osnabrueck | 48           | 315         | 42582          | 61609      | 10148         | 20110          | 49939       | 55002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Osnabrueck          | 95           | 317         | 42575          | 61808      | 10146         | 20105          | 49944       | 55003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Guetersloh          | 72           | 320         |                |            |               |                |             |               |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Diepholz            | 39           | 321         | 42475          | 71708      | 10153         | 20108          | 49949       | 56007         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bad Salzuflen       | 135          | 325         | 42580          | 51810      | 10145         | 20100          | 49951       | 55003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Hannover, Flugh.    | 56           | 338         | 42665          | 61707      | 10133         | 20113          | 49958       | 55000         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Braunschweig        | 81           | 348         | 42784          | 62208      | 10150         | 20090          | 49967       | 53001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Gardelmuende        | 47           | 359         | 42470          | 71505      | 10143         | 20114          | 49978       | 53010         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Magdeburg           | 79           | 361         | 42670          | 62208      | 10136         | 20102          | 49978       | 53004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Potsdam             | 81           | 379         | 42966          | 72207      | 10118         | 20114          | 49982       | 53003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Berlin-Dahlem       | 51           | 381         | 42370          | 72104      | 10124         | 20115          | 49983       | 52005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Berlin-Tegel,Flugh. | 37           | 382         | 42458          | 71907      | 10128         | 20105          | 49981       | 52005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Berlin-Temp.,Flugh. | 50           | 384         | 42362          | 71906      | 10124         | 20112          | 49983       | 52004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Berlin-Schoenefeld  | 47           | 385         | 42362          | 72006      | 10124         | 20108          | 49984       | 53006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Lindenberg          | 98           | 393         | 41550          | 72106      | 10125         | 20114          | 49990       | 53007         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Manschnow           | 12           | 396         | 42761          | 82206      | 10133         | 20116          | 49984       | 50008         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Duesseldorf, Flugh. | 45           | 400         | 42580          | 61513      | 10154         | 20111          | 49922       | 56006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bocholt             | 21           | 406         | 42980          | 71807      | 10144         | 20100          | 49925       | 57003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Essen               | 152          | 410         | 42584          | 61811      | 10147         | 20099          | 49927       | 55006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Kahler Asten        | 839          | 427         | 41180          | 72020      | 10082         | 20076          | 48307       | 56006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bad Lippspringe     | 157          | 430         | 42582          | 51509      | 10136         | 20107          | 49951       | 55004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Kassel              | 231          | 438         | 42583          | 62008      | 10132         | 20086          | 49963       | 56005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Goettingen          | 175          | 444         | 42582          | 61605      | 10147         | 20085          | 49970       | 55002         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Leinefelde          | 356          | 449         | 42581          | 61608      | 10127         | 20098          | 49971       | 53004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Braunlage           | 607          | 452         | 42382          | 72009      | 10105         | 20091          | 49973       | 53005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Brocken             | 1142         | 453         | 41/89          | 82131      | 10055         | 20049          | 48324       | 53004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Artern              | 164          | 460         | 42584          | 62102      | 10133         | 20096          | 49983       | 51004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Leipzig-Schkeuditz  | 12           | 469         | 42875          | 72111      | 10122         | 20094          | 49988       | 53003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Wittenberg          | 105          | 474         | 41366          | 81206      | 10143         | 20105          | 49978       | 53003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Oschatz             | 150          | 480         | 42999          | 72008      | 10124         | 20105          | 49989       | 53004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Dresden-Klotzsche   | 230          | 488         | 41680          | 71608      | 10133         | 20096          | 49994       | 53001         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Doberlug-Kirchhain  | 97           | 490         | 42580          | 72006      | 10125         | 20100          | 49995       | 53009         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Cottbus             | 69           | 496         | 42662          | 82204      | 10130         | 20105          | 49995       | 53007         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Gorlitz             | 237          | 499         | 41670          | 81707      | 10119         | 20109          | 40000       | 50011         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Aachen              | 202          | 501         | 41575          | 71608      | 10125         | 20101          | 49906       | 56008         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Noervenich          | 118          | 502         | 41575          | 71714      | 10130         | 20091          | 49927       | 55004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Nuerburg            | 627          | 510         | 41065          | 81614      | 10088         | 20082          | 49943       | 57008         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Koeln/Bonn, Flugh.  | 91           | 513         | 42582          | 61612      | 10158         | 20098          | 49935       | 56005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bendorf             | 127          | 515         | 41467          | 71907      | 10144         | 20100          | 49925       | 57003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bad Marienberg      | 547          | 526         | 41364          | 81175      | 10102         | 20085          | 49958       | 55000         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Giessen             | 186          | 532         | 42575          | 71611      | 10150         | 20093          | 49964       | 58004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Bad Hersfeld        | 212          | 542         | 42575          | 51707      | 10146         | 20092          | 49971       | 55004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Wasserkuppe         | 921          | 544         | 41470          | 62021      | 10105         | 20076          | 48336       | 55000         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Meiningen           | 450          | 548         | 42468          | 71711      | 10107         | 20091          | 49991       | 53006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Schmucke            | 937          | 552         | 41/00          | 91911      | 10066         | 20063          | 48339       | 53012         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Erfurt-Bindersleben | 315          | 554         | 42583          | 72016      | 10132         | 20096          | 49978       | 53005         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Neuhaus a.R.        | 845          | 557         | 41/04          | 91908      | 10065         | 20063          | 48341       | 53008         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Gera-Leumnitz       | 311          | 567         | 42986          | 72110      | 10117         | 20093          | 49994       | 53004         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Chemnitz            | 418          | 577         | 42884          | 72209      | 10120         | 20094          | 49992       | 53006         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Fichtelberg         | 123          | 578         | 42884          | 72121      | 10109         | 20040          | 48335       | 53003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Zinnwald-Georg.     | 877          | 582         | 41/08          | 91812      | 10074         | 20068          | 48349       | 53003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Trier-Preisberg     | 265          | 609         | 41580          | 71821      | 10130         | 20073          | 49935       | 56003         |                |              |                 |                 |                 |                 |  |  |  |  |  |  |
| Deuselbach          | 480          | 615         | 41375          | 71516      | 10111         | 20082          | 4994        |               |                |              |                 |                 |                 |                 |  |  |  |  |  |  |

12 Uhr UTC 06-12

| Station              | Hoehe | iii | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwWW | 8NCCC  | ff-ff   |
|----------------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|
|                      |       | Rx  |       | n     | n     | nddd  |       |       | R     | 12    | hLMH   | xx gg   |
| Helgoland            | 4     | 015 | 11375 | 81016 | 10128 | 20099 | 49956 | 56002 | 69901 | 72162 | 876//  |         |
| List/Sylt            | 26    | 020 | 11470 | 80721 | 10108 | 20098 | 49968 | 57003 | 60041 | 72165 | 876//  | 24 36   |
| Leck                 | 7     | 022 | 41380 | 80715 | 10116 | 20102 | 49969 | 52007 |       | 70252 | 877//  | 26      |
| Husum                | 26    | 026 | 11470 | 81306 | 10136 | 20107 | 49964 | 57009 | 69921 | 70152 | 86801  |         |
| Flensburg/Meierwik   | 27    | 033 | 41258 | 80411 | 10111 | 20106 | 49965 | 57009 |       | 75155 | 885//  | 26      |
| Schleswig            | 43    | 035 | 11462 | 81102 | 10118 | 20104 | 49962 | 57009 | 69931 | 70252 | 878//  |         |
| Hohn                 | 12    | 038 | 41362 | 71102 | 10128 | 20090 | 49962 | 58008 |       | 70252 | 876//  |         |
| Kiel-Holtenau        | 31    | 046 | 42465 | 71602 | 10123 | 20098 | 49963 | 57007 |       |       | 875//  |         |
| Puttgarden           | 1     | 063 | 16760 | 71805 | 10123 | 20114 | 49968 | 57008 | 60021 | 70262 | 885//  | 28      |
| Arkona               | 42    | 091 | 11475 | 81807 | 10114 | 20109 | 49971 | 56008 | 60031 | 70262 | 885//  | 38 51   |
| Norderney            | 11    | 113 | 11460 | 71777 | 10139 | 20106 | 49971 | 56008 | 69901 | 70362 | 85202  |         |
| Bremerhaven          | 7     | 129 | 32570 | 71307 | 10158 | 20106 | 49948 | 58006 |       |       | 878//  |         |
| Cuxhaven             | 5     | 131 | 32468 | 71014 | 10145 | 20112 | 49949 | 58010 |       |       | 878//  |         |
| Hamburg Flugh.       | 16    | 147 | 11465 | 71506 | 10155 | 20115 | 49956 | 57009 | 69901 | 70352 | 84231  |         |
| Luebeck-Blankensee   | 14    | 156 | 11468 | 61605 | 10166 | 20115 | 49960 | 57010 | 69921 | 70165 | 84232  |         |
| Boltenhagen          | 15    | 161 | 11564 | 52004 | 10142 | 20111 | 49955 | 58005 | 69901 | 70162 | 83210  |         |
| Schwerin             | 59    | 162 | 11560 | 51803 | 10157 | 20108 | 49952 | 58004 | 69901 | 70352 | 82230  |         |
| Rostock-Warnemünde   | 4     | 170 | 11464 | 61904 | 10129 | 20115 | 49968 | 58002 | 60011 | 70266 | 872//  |         |
| Teterow              | 46    | 177 | 11365 | 51806 | 10133 | 20116 | 49968 | 51002 | 69901 | 70352 | 85800  |         |
| Barth                | 7     | 180 | 11457 | 81904 | 10125 | 20120 | 49970 | 58001 | 60011 | 71065 | 886//  |         |
| Greifswald           | 2     | 184 | 11440 | 82003 | 10124 | 20110 | 49975 | 55001 | 69951 | 71052 | 812//  |         |
| Usckermünde          | 47    | 199 | 11458 | 82008 | 10130 | 20109 | 49977 | 51005 | 69911 | 72152 | 875//  |         |
| Emden-Hafen          | 5     | 203 | 11463 | 71110 | 10155 | 20126 | 49934 | 58007 | 69901 | 70362 | 878//  |         |
| Oldenburg            | 11    | 215 | 42562 | 71607 | 10171 | 20113 | 49942 | 58004 |       |       | 86801  |         |
| Ahlhorn              | 49    | 218 | 42573 | 71706 | 10165 | 20101 | 49947 | 56003 |       |       | 86802  |         |
| Bremen, Flugh.       | 3     | 224 | 32568 | 61509 | 10167 | 20135 | 49943 | 57008 |       |       | 84230  |         |
| Soltau               | 77    | 235 | 32581 | 61907 | 10173 | 20112 | 49959 | 58004 |       |       | 85830  |         |
| Boizenburg           | 45    | 249 | 32566 | 61806 | 10161 | 20108 | 49960 | 58004 |       |       | 86200  |         |
| Luechow              | 17    | 253 | 32670 | 52009 | 10167 | 20110 | 49968 | 58004 |       |       | 85801  |         |
| Seehausen            | 21    | 261 | 32580 | 71707 | 10162 | 20119 | 49970 | 56007 |       |       | 81178  |         |
| Marnitz              | 81    | 264 | 32570 | 61807 | 10164 | 20127 | 49959 | 58006 |       |       | 84202  |         |
| Neuruppin            | 38    | 270 | 32460 | 71707 | 10145 | 20124 | 49990 | 51001 |       |       | 8725// |         |
| Neubrandenburg       | 81    | 280 | 11458 | 82008 | 10130 | 20109 | 49977 | 51005 | 69911 | 72152 | 875//  |         |
| Angermünde           | 56    | 291 | 11456 | 81405 | 10135 | 20113 | 49981 | 51004 | 69901 | 71062 | 8417// |         |
| Lingen               | 22    | 305 | 32568 | 71507 | 10167 | 20126 | 49924 | 57007 |       |       | 878//  |         |
| Muenster/Osnabrueck  | 48    | 315 | 11557 | 71608 | 10154 | 20113 | 49936 | 56003 | 69901 | 78022 | 873//  |         |
| Osnabrueck           | 95    | 317 | 32580 | 71710 | 10159 | 20101 | 49938 | 58005 |       |       | 878//  |         |
| Guetersloh           | 72    | 320 | 11680 | 71706 | 10160 | 20097 | 49946 | 58003 | 69901 | 76011 | 875//  |         |
| Diepholz             | 39    | 321 | 42575 | 71508 | 10164 | 20104 | 49943 | 58006 |       |       | 878//  |         |
| Bad Salzflun         | 135   | 325 | 32581 | 71609 | 10165 | 20103 | 49947 | 56003 |       |       | 86842  |         |
| Hannover, Flugh.     | 56    | 338 | 32683 | 71911 | 10165 | 20108 | 49953 | 58004 |       |       | 81841  |         |
| Braunschweig         | 81    | 348 | 32584 | 62109 | 10172 | 20098 | 49963 | 58004 |       |       | 84832  |         |
| Gardellegen          | 48    | 359 | 32570 | 71708 | 10158 | 20119 | 49969 | 56009 |       |       | 8583// |         |
| Magdeburg            | 79    | 361 | 32572 | 71907 | 10175 | 20122 | 49977 | 51001 |       |       | 878//  |         |
| Potsdam              | 81    | 379 | 32478 | 81806 | 10138 | 20124 | 49990 | 51008 |       |       | 878//  |         |
| Berlin-Dahlem        | 51    | 381 | 32470 | 82005 | 10139 | 20124 | 49991 | 52008 |       |       | 8117// |         |
| Berlin-Tegel,Flugh.  | 37    | 382 | 32470 | 82007 | 10139 | 20107 | 49989 | 51008 |       |       | 8117// |         |
| Berlin-Temp.,Flugh.  | 50    | 384 | 32466 | 82008 | 10138 | 20110 | 49990 | 52007 |       |       | 8117// |         |
| Berlin-Schönefeld    | 47    | 385 | 32470 | 82009 | 10135 | 20108 | 49992 | 53008 |       |       | 8117// |         |
| Lindenberg           | 98    | 393 | 32675 | 72108 | 10126 | 20105 | 49998 | 53008 |       |       | 8527// |         |
| Manschnow            | 12    | 396 | 32765 | 82010 | 10136 | 20112 | 49991 | 53007 |       |       | 8557// |         |
| Duesseldorf, Flugh.  | 45    | 400 | 12580 | 81716 | 10157 | 20108 | 49918 | 58004 | 60011 |       | 86801  | 33      |
| Bocholt              | 21    | 406 | 11468 | 71608 | 10142 | 20116 | 49921 | 57004 | 69961 | 72162 | 8317// |         |
| Essen                | 152   | 410 | 11580 | 71608 | 10150 | 20108 | 49927 | 51001 |       |       | 8583// | 27      |
| Kahler Asten *       | 839   | 427 | 11289 | 71916 | 10089 | 20068 | 48309 | 51003 | 69901 | 72584 | 872//  | 35      |
| Bad Lippspringe      | 157   | 430 | 32584 | 71809 | 10160 | 20109 | 49946 | 58004 |       |       | 872//  |         |
| Kassel               | 231   | 438 | 32584 | 71913 | 10158 | 20092 | 49957 | 58003 |       |       | 878//  | 28      |
| Goettingen           | 175   | 444 | 32584 | 71504 | 10160 | 20104 | 49962 | 57007 |       |       | 878//  |         |
| Leinefelde           | 356   | 449 | 32581 | 61808 | 10145 | 20107 | 49959 | 58007 |       |       | 83270  |         |
| Braunlage            | 607   | 452 | 32482 | 71912 | 10121 | 20091 | 49960 | 58005 |       |       | 87801  |         |
| Brocken *            | 1142  | 453 | 31790 | 92132 | 10065 | 20065 | 48325 | 54000 |       | 74542 |        | 34 45   |
| Artern               | 164   | 460 | 32586 | 72109 | 10158 | 20102 | 49978 | 58003 |       |       | 86208  |         |
| Leipzig-Schkeuditz   | 142   | 469 | 32580 | 71910 | 10145 | 20098 | 49987 | 50000 |       |       | 8281// |         |
| Wittenberg           | 150   | 474 | 32588 | 81706 | 10146 | 20107 | 49988 | 51006 |       |       | 8487// |         |
| Oschatz              | 150   | 480 | 32999 | 72007 | 10145 | 20104 | 49997 | 53005 |       |       | 8707// |         |
| Dresden-Klotzsche    | 230   | 488 | 11880 | 71709 | 10141 | 20095 | 40000 | 50007 | 69901 | 70362 | 8557// |         |
| Oberlug-Kirchhain    | 97    | 490 | 32575 | 72004 | 10137 | 20109 | 40000 | 51005 |       |       | 875//  |         |
| Cottbus              | 69    | 496 | 32765 | 81905 | 10143 | 20110 | 49999 | 50004 |       |       | 8457// |         |
| Görlitz              | 237   | 499 | 11779 | 82111 | 10122 | 20110 | 40010 | 51010 | 60041 | 72162 | 8452// |         |
| Aachen               | 202   | 501 | 11570 | 81709 | 10145 | 20103 | 49901 | 58003 | 69941 | 78086 | 873//  | 31      |
| Noervenich           | 118   | 502 | 41581 | 61716 | 10172 | 20098 | 49925 | 50001 |       |       | 70162  | 3830 31 |
| Nuerburg             | 627   | 510 | 11375 | 81815 | 10105 | 20085 | 49937 | 57002 | 60031 | 72162 | 888//  | 29      |
| Koeln/Bonn, Flugh.   | 91    | 513 | 32582 | 61715 | 10170 | 20096 | 49935 | 53001 |       |       | 82872  |         |
| Bendorf              | 127   | 517 | 11580 | 71611 | 10158 | 20092 | 49932 | 51001 | 69911 | 78062 | 858//  | 27      |
| Bad Marienberg       | 547   | 526 | 11389 | 71715 | 10114 | 20086 | 49954 | 58001 | 69921 | 70282 | 858//  | 27      |
| Giessen              | 186   | 532 | 32580 | 71712 | 10167 | 20068 | 49962 | 54000 |       |       | 8683// | 27      |
| Bad Hersfeld         | 212   | 542 | 32580 | 71910 | 10171 | 20093 | 49969 | 55000 |       |       | 878//  |         |
| Wasserkuppe *        | 921   | 544 | 11480 | 82020 | 10106 | 20075 | 48340 | 50004 | 69921 | 70264 | 878//  | 25 36   |
| Meiningen            | 450   | 548 | 32481 | 61812 | 10143 | 20102 | 49980 | 56005 |       |       | 84232  |         |
| Schmücke *           | 937   | 552 | 31080 | 82216 | 10078 | 20076 | 48339 | 56003 |       | 72842 | 876//  | 27      |
| Erfurt-Bindersleben  | 315   | 554 | 32584 | 72113 | 10151 | 20099 | 49970 | 55005 |       |       | 84236  | 27      |
| Neuhaus a.R.         | 845   | 557 | 11184 | 71907 | 10090 | 20082 | 48345 | 55001 | 69901 | 72882 | 872//  |         |
| Gera-Leumnitz        | 311   | 567 | 32587 | 72111 | 10149 | 20114 | 49979 | 58008 |       |       | 8427// |         |
| Chemnitz             | 418   | 577 | 32585 | 71907 | 10134 | 20078 | 49993 | 64000 |       |       | 82872  |         |
| Sichtelberg *        | 1213  | 578 | 32187 | 62119 | 10063 | 20049 | 48354 | 51001 |       |       | 83270  | 25 35   |
| Zinnwald-Georg. *    | 877   | 582 | 11702 | 91911 | 10075 | 20071 | 48352 | 50003 | 69901 | 74784 |        |         |
| Trier-Petrisberg     | 265   | 609 | 11575 | 71830 | 10152 | 20069 | 49926 | 57006 | 69911 | 78086 | 878//  | 30 57   |
| Deuselbach           | 480   | 615 | 11475 | 81517 | 10127 | 20076 | 49940 | 57004 | 69931 | 78082 | 883//  | 34      |
| Pferdsfeld           | 396   | 626 | 42582 | 72012 | 10144 | 20071 | 49953 | 57011 |       |       | 878//  | 25      |
| Kl.Felldberg/Ts. *   | 805   | 635 | 11289 | 71812 | 10093 | 20093 | 48330 | 58001 | 69971 | 70364 | 878//  | 27      |
| Frankfurt/M,Flugh.   | 111   | 637 | 11580 | 61914 | 10177 | 20104 | 49964 | 58006 | 69921 | 70362 | 83870  | 28      |
| Michelstadt/Vielbrun | 453   | 648 | 11583 | 61815 | 10155 | 20103 | 49973 | 58001 | 69901 | 70361 | 84831  | 27      |
| Wuerzburg            | 268   | 655 | 32584 | 52013 | 10178 | 20097 | 49981 | 57004 |       |       | 84830  |         |
| Bad Kissingen        | 262   | 658 | 32582 | 62108 | 10159 | 20087 | 49981 | 57010 |       |       | 85830  |         |
| Coburg               | 322   | 671 | 11580 | 72010 | 10156 | 20092 | 49990 | 58006 |       |       | 878//  |         |
| Bamberg              | 239   | 675 | 32584 | 72606 | 10170 | 20072 | 49993 | 56005 |       |       | 8683// |         |
| Hof                  | 567   | 685 | 32583 | 52111 | 10141 | 20086 | 49991 | 58001 |       |       | 82242  | 27      |
| Weiden               | 438   | 688 | 32582 | 32009 | 10150 | 20103 | 40000 | 58007 |       |       | 81241  |         |
| Beruf                | 363   | 704 | 11482 | 82025 | 10139 | 20046 | 49942 | 58004 | 69901 | 72522 | 878//  | 28 43   |
| Tholey               | 396   | 706 | 32584 | 71921 | 10138 | 20056 | 49947 | 58006 |       |       | 878//  | 24 44   |
| Saarbruecken, Flugh. | 322   | 708 | 32682 | 71819 | 10151 | 20061 | 49962 | 55000 |       |       | 878//  | 22 39   |
| Weinbiet             | 553   | 724 | 32589 | 72219 | 10135 | 20072 | 49966 | 51001 |       |       | 8427// | 22 32   |
| Karlsruhe            | 112   | 727 | 11583 | 62120 | 10186 | 20063 | 49971 | 55000 |       |       |        |         |

15 Uhr UTC

12-15

Erdboedentemp.  
14 Uhr UTC

| Station              | Hoehe    | ihVv  | Nddff | 1sTTT | 2sTTT | 4PPPP | Sappp | 7wwWW | 8NCCC | ff-ff | 1sTTT | Erdboedentemp. |      |      |      |      |      |
|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------|------|------|------|------|
|                      |          |       |       |       |       |       |       |       |       |       |       | 05             | 20   | 50   | 50   |      |      |
|                      | Rx       |       |       | n     | nddd  |       |       | R     | 12    | hLMH  | xx    | gg             | stTT | stTT | stTT | stTT |      |
| Helgoland            | 4 015    | 41675 | 71017 | 10136 | 20110 | 49949 | 56007 |       | 72162 | 875// |       |                |      |      |      |      |      |
| List/Sylt            | 26 020   | 42375 | 80717 | 10105 | 20090 | 49962 | 57006 |       | 876// |       | 22    | 33             |      |      |      |      |      |
| Leck                 | 7 022    | 41375 | 80611 | 10117 | 20101 | 49964 | 56005 |       | 70252 | 877// |       |                |      | 0139 | 0136 | 0134 | //// |
| Husum                | 26 026   | 42570 | 61408 | 10134 | 20104 | 49958 | 57006 |       |       | 85831 |       |                |      | 0170 | 0155 | 0130 | 0132 |
| Flensburg/Meierwik   | 27 033   | 41262 | 80507 | 10114 | 20105 | 49960 | 56005 |       | 72022 | 885// |       |                |      |      |      |      |      |
| Schleswig            | 43 035   | 42465 | 71605 | 10130 | 2//   | 49959 | 55003 |       |       | 86801 |       |                |      | 0163 | 0149 | 0131 | 0134 |
| Hohn                 | 12 038   | 42465 | 60903 | 10139 | 20087 | 49957 | 58005 |       |       | 86802 |       |                |      | 0153 | 0140 | 0130 | 0131 |
| Kiel-Holtenau        | 31 046   | 42565 | 71916 | 10137 | 20092 | 49964 | 53001 |       |       | 86500 |       |                |      | 0146 | 0139 | 0129 | 0129 |
| Puttgarden           | 1 063    | 46760 | 17604 | 10139 | 20116 | 49966 | 57002 |       |       |       |       |                |      | 0138 | 0130 | 0132 | 0139 |
| Arkona               | 42 091   | 42475 | 80000 | 10122 | 20110 | 49971 | 50000 |       |       | 888// |       |                |      | 0125 | 0122 | 0124 | 0135 |
| Norderney            | 11 113   | 41358 | 8//// | 10146 | 20120 | 49934 | 56007 |       | 76062 | 8522/ |       |                |      | 0139 | 0141 | 0133 | 0136 |
| Bremerhaven          | 7 129    | 41565 | 71308 | 10164 | 20114 | 49941 | 57007 |       | 78022 | 878// |       |                |      |      |      |      |      |
| Cuxhaven             | 5 131    | 42565 | 61115 | 10157 | 20123 | 49941 | 57007 |       |       | 85530 |       |                |      | 0156 | 0154 | 0146 | 0147 |
| Hamburg, Flugh.      | 16 147   | 42580 | 51607 | 10173 | 20118 | 49952 | 58004 |       |       | 83231 |       |                |      | 0160 | 0152 | 0140 | 0134 |
| Luebeck-Blankensee   | 14 156   | 42570 | 71703 | 10164 | 20124 | 49958 | 57002 |       |       | 878// |       |                |      | 0179 | 0168 | 0142 | 0142 |
| Boltenhagen          | 15 161   | 42570 | 71104 | 10147 | 20122 | 49951 | 58004 |       |       | 8337/ |       |                |      | 0160 | 0147 | 0133 | 0133 |
| Schwerin             | 59 162   | 42570 | 51904 | 10170 | 20117 | 49949 | 58003 |       |       | 84202 |       |                |      | 0171 | 0160 | 0143 | 0139 |
| Rostock-Warnemuende  | 4 170    | 42568 | 5703  | 10168 | 20123 | 49962 | 58006 |       |       | 84232 |       |                |      | 0169 | 0152 | 0137 | 0141 |
| Teterow              | 46 177   | 46759 | 1810  | 10157 | 20132 | 49950 | 56007 |       |       |       |       |                |      | 0158 | 0143 | 0133 | 0140 |
| Barth                | 7 180    | 467// | ////  | 10148 | 20124 | 49966 | 58004 |       |       |       |       |                |      | 0139 | 0130 | 0127 | 0137 |
| Greifswald           | 2 184    | 41456 | 82006 | 10142 | 20114 | 49970 | 58005 |       | 71022 | 8217/ |       |                |      | 0143 | 0137 | 0130 | 0137 |
| Ueckermuende         | 1 193    | 46759 | 1806  | 10143 | 20121 | 49976 | 58005 |       |       |       |       |                |      | 0138 | 0135 | 0133 | 0143 |
| Emden-Hafen          | 5 203    | 41663 | 81310 | 10148 | 20134 | 49929 | 56005 |       |       | 76122 | 875// |                |      | 0177 | 0164 | 0142 | 0141 |
| Oldenburg            | 11 215   | 41460 | 71206 | 10150 | 20129 | 49935 | 58007 |       |       | 72162 | 8483/ |                |      |      |      |      |      |
| Ahlhorn              | 49 218   | 41570 | 71406 | 10145 | 20117 | 49942 | 57005 |       |       | 72582 | 85832 |                |      | 0158 | 0154 | 0142 | 0138 |
| Bremen, Flugh.       | 3 224    | 41560 | 71808 | 10153 | 20129 | 49942 | 55001 |       |       | 72522 | 878// |                |      | 0173 | 0164 | 0143 | 0143 |
| Soi tau              | 77 235   | 42582 | 71707 | 10171 | 20108 | 49954 | 58005 |       |       | 878// |       |                |      | 0195 | 0184 | 0149 | 0140 |
| Bolz enburg          | 45 249   | 42570 | 61806 | 10175 | 20108 | 49956 | 58004 |       |       | 85841 |       |                |      | 0176 | 0155 | 0134 | 0125 |
| Luechow              | 17 253   | 4275  | 71904 | 10171 | 20117 | 49964 | 57004 |       |       | 878// |       |                |      | 0182 | 0168 | 0148 | 0141 |
| Seehausen            | 21 261   | 4275  | 71909 | 10182 | 20128 | 49957 | 58005 |       |       | 82278 |       |                |      | 0172 | 0165 | 0149 | 0137 |
| Marnitz              | 81 264   | 46760 | 17606 | 10163 | 20127 | 49956 | 58003 |       |       |       |       |                |      | 0159 | 0149 | 0154 | 0154 |
| Neuruppin            | 38 270   | 42470 | 51906 | 10167 | 20136 | 49974 | 58006 |       |       | 83206 |       |                |      | 0155 | 0145 | 0135 | 0138 |
| Neubrandenburg       | 81 280   | 42560 | 72011 | 10147 | 20119 | 49970 | 56006 |       |       | 82276 |       |                |      | 0145 | 0138 | 0128 | 0132 |
| Angermuende          | 56 291   | 42458 | 71609 | 10146 | 20120 | 49979 | 58002 |       |       | 8317/ |       |                |      | 0138 | 0128 | 0125 | 0139 |
| Lingen               | 22 305   | 41465 | 71206 | 10150 | 20138 | 49915 | 58009 |       |       | 72562 | 878// |                |      | 0154 | 0150 | 0145 | 0152 |
| Muenster/Osnabrueck  | 48 315   | 41582 | 71509 | 10170 | 20115 | 49919 | 57016 |       |       | 70386 | 8588/ |                |      | 0156 | 0149 | 0140 | 0145 |
| Osnabrueck           | 95 317   | 41573 | 61106 | 10151 | 20126 | 49927 | 58011 |       |       | 70182 | 81132 |                |      | 0158 | 0154 | 0143 | 0146 |
| Guetersloh           | 72 320   |       |       |       |       |       |       |       |       |       |       |                |      |      |      |      |      |
| Diepholz             | 39 321   | 41580 | 71408 | 10152 | 20122 | 49936 | 58006 |       | 70282 | 84831 |       |                |      | 0146 | 0139 | 0132 | 0137 |
| Bad Salzuflen        | 135 325  | 41581 | 71406 | 10156 | 20120 | 49933 | 58010 |       | 70262 | 8684/ |       |                |      | 0169 | 0169 | 0146 | 0145 |
| Hannover, Flugh.     | 56 338   | 41686 | 71811 | 10161 | 20106 | 49949 | 57004 |       | 71522 | 878// |       |                |      | 0165 | 0160 | 0145 | 0138 |
| Braunschweig         | 81 348   | 41584 | 71704 | 10166 | 20103 | 49960 | 58003 |       | 78082 | 878// |       |                |      | 0175 | 0160 | 0145 | 0138 |
| Gardelagen           | 47 359   | 42570 | 51609 | 10172 | 20113 | 49964 | 58005 |       |       | 84801 |       |                |      | 0185 | 0174 | 0155 | 0139 |
| Magdeburg            | 79 361   | 42578 | 61707 | 10172 | 20111 | 49971 | 57007 |       |       | 86800 |       |                |      | 0172 | 0158 | 0139 | 0142 |
| Potsdam              | 81 379   | 42481 | 61909 | 10167 | 20125 | 49982 | 56006 |       |       | 81842 |       |                |      | 0171 | 0156 | 0142 | 0144 |
| Berlin-Dahlem        | 51 381   | 42480 | 72006 | 10157 | 20116 | 49979 | 56011 |       |       | 81172 |       |                |      | 0154 | 0145 | 0140 | 0148 |
| Berlin-Tegel, Flugh. | 37 382   | 42577 | 51909 | 10163 | 20106 | 49982 | 56006 |       |       | 81142 |       |                |      |      |      |      |      |
| Berlin-Temp., Flugh. | 50 384   | 42475 | 61909 | 10160 | 20114 | 49981 | 57008 |       |       | 81132 |       |                |      | 0147 | 0146 | 0142 | 0143 |
| Berlin-Schoenefeld   | 47 385   | 42580 | 72008 | 10160 | 20113 | 49982 | 56009 |       |       | 81238 |       |                |      | 0159 | 0145 | 0136 | 0140 |
| Lindenberg           | 98 393   | 42680 | 62208 | 10158 | 20115 | 49988 | 55008 |       |       | 83206 |       |                |      | 0141 | 0137 | 0137 | 0142 |
| Manschnow            | 12 396   | 42770 | 82008 | 10151 | 20111 | 49987 | 55004 |       |       | 8557/ |       |                |      | 0146 | 0140 | 0136 | 0148 |
| Duesseldorf, Flugh.  | 45 400   | 41462 | 81617 | 10144 | 20114 | 49986 | 57022 |       | 76166 | 8683/ | 23    | 44             |      | 0150 | 0149 | 0149 | 0148 |
| Bocholt              | 21 406   | 41458 | 81808 | 10154 | 20111 | 49903 | 57017 |       | 76162 | 8352/ |       |                |      | 0151 | 0143 | 0140 | 0146 |
| Essen                | 152 410  | 41460 | 81714 | 10137 | 20105 | 49908 | 57016 |       | 76262 | 8552/ |       | 26             |      | 0146 | 0144 | 0141 | 0147 |
| Kahler Asten *       | 839 427  | 41286 | 71917 | 10100 | 20063 | 48307 | 58005 |       | 72582 | 878// |       | 34             |      | 0114 | 0101 | 0100 | 0111 |
| Bad Lippspringe      | 157 430  | 42584 | 61609 | 10165 | 20109 | 49935 | 58010 |       |       | 81242 |       |                |      | 0152 | 0150 | 0144 | 0139 |
| Kassel               | 231 438  | 42584 | 62013 | 10153 | 20094 | 49955 | 58003 |       |       | 84230 |       |                |      | 0141 | 0140 | 0136 | 0142 |
| Goettingen           | 175 444  | 42582 | 62110 | 10179 | 20103 | 49958 | 58002 |       |       | 85830 |       |                |      | 0142 | 0136 | 0145 | 0142 |
| Leinefelde           | 356 449  | 42583 | 52008 | 10157 | 20096 | 49958 | 56002 |       |       | 84801 |       | 25             |      | 0160 | 0151 | 0135 | 0132 |
| Braunlage            | 607 452  | 41484 | 72009 | 10128 | 20092 | 49960 | 57001 |       | 70262 | 87801 |       | 26             |      | 0148 | 0124 | 0112 | 0114 |
| Brocken *            | 1142 452 | 42586 | 62029 | 10174 | 20062 | 48329 | 53004 |       | 72882 | 86800 |       | 33             | 43   |      |      |      |      |
| Artern               | 164 460  | 42586 | 52213 | 10184 | 20101 | 49977 | 55006 |       |       | 84330 |       |                |      | 0181 | 0150 | 0138 | 0147 |
| Leipzig-Schkeuditz   | 142 469  | 42580 | 62011 | 10166 | 20110 | 49980 | 58005 |       |       | 83230 |       |                |      | 0156 | 0147 | 0138 | 0141 |
| Wittenberg           | 105 474  | 42683 | 31807 | 10175 | 20108 | 49981 | 55006 |       |       | 82241 |       |                |      | 0191 | 0168 | 0144 | 0142 |
| Oschatz              | 150 480  | 42599 | 61705 | 10184 | 20117 | 49984 | 55006 |       |       | 86800 |       |                |      | 0179 | 0161 | 0143 | 0148 |
| Dresden-Klotzsche    | 230 488  | 42680 | 51307 | 10167 | 20102 | 49994 | 55004 |       |       | 85800 |       |                |      | 0174 | 0154 | 0143 | 0148 |
| Doberlug-Kirchhain   | 97 490   | 42675 | 32208 | 10184 | 20107 | 49993 | 55005 |       |       | 81501 |       |                |      | 0184 | 0158 | 0138 | 0142 |
| Cottbus              | 69 496   | 42975 | 12207 | 10177 | 20110 | 49994 | 55004 |       |       | 80002 |       |                |      | 0161 | 0152 | 0141 | 0143 |
| Görlitz              | 237 499  | 42980 | 12011 | 10152 | 20111 | 49907 | 55000 |       |       | 80002 |       |                |      | 0137 | 0128 | 0141 | 0143 |
| Aachen               | 202 501  | 41558 | 71914 | 10128 | 20117 | 49885 | 55    |       |       |       |       |                |      |      |      |      |      |

| Station              | Hoehe | 111 | 11hVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 18 Uhr | UTC   | 12-18 | 06-18  | 06-18 | 06-18 |       |       |       |  |
|----------------------|-------|-----|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--|
|                      |       | Rx  |       |       | n     | n     | n     | Sappp  | 6RRRt | 7wwww | 8NCCC  | ff-ff | 1sTTT | 2sTTT | 5ssst |       |  |
|                      |       |     |       |       |       |       |       |        | R     | 12    | HLMM   | xx    | gg    | nxxx  | nnnn  | R     |  |
| Helgoland            | 4     | 015 | 11360 | 80820 | 10135 | 20114 | 49941 | 49962  | 69962 | 76162 | 875//  |       |       | 10139 | 20116 |       |  |
| List/Sylt            | 26    | 020 | 12265 | 70612 | 10103 | 20094 | 49953 | 56009  | 60042 |       | 876//  | 22    | 38    | 10116 | 20104 |       |  |
| Leck                 | 7     | 022 | 11358 | 80504 | 10111 | 20103 | 49957 | 55007  | 69932 | 70352 | 875//  |       |       | 10123 | 20103 |       |  |
| Husum                | 26    | 026 | 12570 | 70506 | 10127 | 20106 | 49950 | 56008  | 69922 |       | 878//  |       |       | 10147 | 20098 |       |  |
| Flensburg/Meierwik   | 27    | 033 | 11656 | 70506 | 10118 | 20109 | 49954 | 55005  | 60042 | 71051 | 875//  |       |       | 10127 | 20110 |       |  |
| Schleswig            | 43    | 035 | 12662 | 70905 | 10126 | 20122 | 49954 | 56005  | 69932 |       | 875//  |       |       | 10136 | 20100 |       |  |
| Hohn                 | 12    | 038 | 12458 | 60704 | 10122 | 20087 | 49951 | 56006  | 69912 |       | 86801  |       |       | 10144 | 20100 |       |  |
| Kiel-Holtenau        | 31    | 046 | 12765 | 70705 | 10124 | 20104 | 49953 | 58011  | 69912 |       | 875//  |       |       | 10137 | 20101 |       |  |
| Puttgarden           | 1     | 063 | 16760 | 11008 | 10128 | 20117 | 49962 | 57004  | 60022 |       |        |       |       | 10144 | 20107 |       |  |
| Arkona               | 42    | 091 | 12160 | 60808 | 10158 | 20121 | 49971 | 55003  | 60032 |       |        |       |       | 10122 | 20106 |       |  |
| Norderney            | 11    | 113 | 41460 | 71206 | 10133 | 20127 | 49924 | 57010  |       | 72162 | 86800  |       |       | 10150 | 20103 |       |  |
| Bremerhaven          | 7     | 129 | 11570 | 71106 | 10142 | 20121 | 49935 | 57006  | 60022 | 70282 | 878//  |       |       | 10168 | 20106 |       |  |
| Cuxhaven             | 5     | 131 | 11665 | 71207 | 10139 | 20120 | 49939 | 58002  | 60012 | 76182 | 855//  |       |       | 10157 | 20108 |       |  |
| Hamburg, Flugh.      | 16    | 147 | 11770 | 71703 | 10144 | 20132 | 49950 | 55002  | 69952 | 72582 | 858//  |       |       | 10175 | 20103 |       |  |
| Luebeck-Blankensee   | 14    | 156 | 12570 | 71703 | 10149 | 20118 | 49954 | 55004  | 69922 |       | 878//  |       |       | 10170 | 20098 |       |  |
| Boltenhagen          | 15    | 161 | 12575 | 51707 | 10147 | 20119 | 49950 | 55001  | 69902 |       | 84330  |       |       | 10165 | 20102 |       |  |
| Schwerin             | 59    | 162 | 12572 | 61906 | 10149 | 20111 | 49951 | 53001  | 69902 |       | 85230  |       |       | 10174 | 20098 |       |  |
| Rostock-Warnemünde   | 4     | 170 | 12560 | 71405 | 10147 | 20135 | 49961 | 56001  | 60012 |       | 8633// |       |       | 10169 | 20102 |       |  |
| Teterow              | 46    | 177 | 36759 | 11608 | 10136 | 20117 | 49959 | 56002  |       |       |        |       |       | 10169 | 20094 |       |  |
| Barth                | 7     | 180 | 16777 | 11008 | 10134 | 20124 | 49966 | 55000  | 60012 |       |        |       |       | 10153 | 20104 |       |  |
| Greifswald           | 2     | 184 | 11585 | 71405 | 10124 | 20127 | 49969 | 55001  | 69952 |       | 83030  |       |       | 10149 | 20109 |       |  |
| Ueckermünde          | 1     | 193 | 16757 | 11604 | 10126 | 20117 | 49979 | 51003  | 69912 |       |        |       |       | 10145 | 20100 |       |  |
| Enden-Hafen          | 5     | 203 | 11665 | 80606 | 10134 | 20131 | 49914 | 58015  | 60032 | 72162 | 875//  |       |       | 10165 | 20107 |       |  |
| Oldenburg            | 11    | 215 | 13760 | 70909 | 10141 | 20127 | 49923 | 57012  | 69972 |       | 86530  |       |       | 10173 | 20103 |       |  |
| Ahlhorn              | 49    | 218 | 12568 | 81207 | 10144 | 20110 | 49924 | 57018  | 69962 |       | 878//  |       |       | 10167 | 20096 |       |  |
| Bremen, Flugh.       | 3     | 224 | 11762 | 71007 | 10145 | 20130 | 49928 | 57014  | 69952 | 70282 | 855//  |       |       | 10173 | 20108 |       |  |
| Soltau               | 77    | 235 | 11580 | 71405 | 10143 | 20121 | 49950 | 57005  | 69902 | 70182 | 85531  |       |       | 10185 | 20105 |       |  |
| Boizenburg           | 45    | 249 | 36759 | 11604 | 10152 | 20113 | 49955 | 56001  |       |       |        |       |       | 10182 | 20098 |       |  |
| Luechow              | 17    | 253 | 11770 | 41805 | 10154 | 20116 | 49962 | 56002  | 69912 | 70181 | 83532  |       |       | 10181 | 20110 |       |  |
| Seehausen            | 21    | 261 | 32570 | 61407 | 10156 | 20122 | 49966 | 51001  |       |       | 81270  |       |       | 10183 | 20106 |       |  |
| Marnitz              | 81    | 264 | 36760 | 11604 | 10150 | 20120 | 49957 | 53001  |       |       |        |       |       | 10176 | 20098 |       |  |
| Neuruppin            | 38    | 270 | 32870 | 61804 | 10150 | 20127 | 49976 | 51002  |       |       | 86500  |       |       | 10189 | 20109 |       |  |
| Neubrandenburg       | 81    | 280 | 12962 | 21809 | 10137 | 20121 | 49970 | 57001  | 69912 |       | 82030  |       |       | 10151 | 20094 |       |  |
| Angermünde           | 56    | 291 | 12960 | 11504 | 10129 | 20114 | 49979 | 55000  | 69902 |       | 81030  |       |       | 10151 | 20110 |       |  |
| Lingen               | 22    | 305 | 16760 | 11308 | 10130 | 20121 | 49901 | 56014  | 60042 |       |        |       |       | 10169 | 20099 |       |  |
| Muenster/Osnabrueck  | 48    | 315 | 11457 | 81309 | 10127 | 20113 | 49909 | 58011  | 60032 | 76386 | 875//  |       | 26    | 10172 | 20098 |       |  |
| Osnabrueck           | 95    | 317 | 16759 | 11507 | 10125 | 20111 | 49919 | 58009  | 60032 |       |        |       | 31    | 10177 | 21008 |       |  |
| Guetersloh           | 72    | 320 | 11680 | 71611 | 10136 | 20110 | 49925 | 58007  | 60022 | 72162 | 875//  |       |       | 10185 | 21000 |       |  |
| Diepholz             | 39    | 321 | 11462 | 81918 | 10146 | 20096 | 49923 | 56013  | 69982 | 76186 | 8683// |       |       | 28    | 10169 | 20084 |  |
| Bad Salzuflen        | 135   | 325 | 11562 | 81609 | 10130 | 20108 | 49933 | 56006  | 60022 | 76386 | 875//  |       |       | 30    | 10178 | 20101 |  |
| Hannover, Flugh.     | 56    | 338 | 32584 | 71609 | 10163 | 20109 | 49941 | 57008  |       |       | 8583// |       |       | 10185 | 20102 |       |  |
| Fraunschweig         | 81    | 348 | 11585 | 71405 | 10158 | 20092 | 49953 | 57007  | 69902 | 70282 | 8583// |       |       | 10184 | 20093 |       |  |
| Gardelegen           | 47    | 359 | 32470 | 71406 | 10153 | 20121 | 49962 | 58002  |       |       | 878//  |       |       | 10188 | 20109 |       |  |
| Magdeburg            | 79    | 361 | 32670 | 61404 | 10155 | 20123 | 49969 | 56002  |       |       | 86500  |       |       | 10187 | 20102 |       |  |
| Potsdam              | 81    | 379 | 32680 | 21607 | 10134 | 20117 | 49981 | 55003  |       |       | 82500  |       |       | 10169 | 20106 |       |  |
| Berlin-Dahlem        | 51    | 381 | 32780 | 31905 | 10132 | 20113 | 49981 | 51001  |       |       | 82530  |       |       | 10161 | 20110 |       |  |
| Berlin-Tegel, Flugh. | 37    | 382 | 32980 | 21905 | 10152 | 20097 | 49979 | 57003  |       |       | 82070  |       |       | 10170 | 20119 |       |  |
| Berlin-Temp., Flugh. | 50    | 384 | 32975 | 21805 | 10151 | 20111 | 49983 | 53001  |       |       | 82040  |       |       | 10170 | 20118 |       |  |
| Berlin-Schönefeld    | 47    | 385 | 32981 | 21603 | 10142 | 20108 | 49982 | 55001  |       |       | 82030  |       |       | 10166 | 20116 |       |  |
| Lindenberg           | 98    | 393 | 42984 | 11805 | 10142 | 20107 | 49988 | 57002  |       |       | 81040  |       |       | 10167 | 20119 |       |  |
| Manschnow            | 12    | 396 | 32765 | 11704 | 10141 | 20109 | 49984 | 56003  |       |       | 81500  |       |       | 10161 | 20125 |       |  |
| Duesseldorf, Flugh.  | 45    | 400 | 11580 | 81915 | 10141 | 20125 | 49900 | 53004  | 60042 | 76166 | 8653// |       | 23    | 44    | 10171 | 20109 |  |
| Bocholt              | 21    | 406 |       |       |       |       |       |        |       |       |        |       |       | 10165 | 20109 |       |  |
| Essen                | 152   | 410 | 11382 | 82109 | 10129 | 20119 | 49904 | 55005  | 60042 | 76162 | 875//  |       |       | 27    | 10158 | 20111 |  |
| Kahler Asten         | 839   | 427 | 11701 | 92021 | 10080 | 20080 | 48299 | 55005  | 60042 | 78086 |        |       | 23    | 42    | 10112 | 20064 |  |
| Bad Lippspringe      | 157   | 430 | 11380 | 71713 | 10137 | 20111 | 49933 | 58004  | 69942 | 72162 | 878//  |       |       | 27    | 10173 | 20113 |  |
| Kassel               | 231   | 438 | 11570 | 81906 | 10126 | 20114 | 49959 | 51001  | 69982 | 72186 | 878//  |       |       | 10175 | 20084 |       |  |
| Goettingen           | 175   | 444 | 11670 | 82106 | 10140 | 20105 | 49964 | 53003  | 69952 | 76162 | 8452// |       |       | 10183 | 20104 |       |  |
| Leinefelde           | 356   | 449 | 32581 | 71907 | 10144 | 20101 | 49959 | 55001  |       |       | 875//  |       |       | 25    | 10177 | 20097 |  |
| Braunlage            | 607   | 452 | 36760 | 11907 | 10113 | 20089 | 49959 | 58004  |       |       |        |       |       | 26    | 10142 | 20074 |  |
| Brocken              | 1142  | 453 | 11286 | 81930 | 10073 | 20059 | 48327 | 55002  | 69902 | 78042 | 878//  |       | 35    | 43    | 10076 | 20044 |  |
| Artern               | 164   | 459 | 32584 | 51809 | 10158 | 20097 | 49969 | 55003  |       |       | 85500  |       |       | 26    | 10192 | 20097 |  |
| Leipziger-Schkeuditz | 142   | 469 | 32684 | 32011 | 10143 | 20108 | 49974 | 58002  |       |       | 81132  |       |       | 27    | 10182 | 20100 |  |
| Wittenberg           | 105   | 474 | 32680 | 21405 | 10146 | 20112 | 49976 | 56006  |       |       | 82200  |       |       | 10179 | 20106 |       |  |
| Oschatz              | 150   | 480 | 32999 | 21804 | 10158 | 20109 | 49980 | 56006  |       |       | 82040  |       |       | 10188 | 20105 |       |  |
| Dresden-Klotzsche    | 230   | 488 | 12780 | 11608 | 10150 | 20106 | 49991 | 55004  | 69902 |       | 81530  |       |       | 10173 | 20129 |       |  |
| Doberlug-Kirchhain   | 97    | 490 | 12975 | 21308 | 10143 | 20113 | 49989 | 56006  | 69912 |       | 82020  |       |       | 10184 | 20115 |       |  |
| Cottbus              | 69    | 496 | 32580 | 21605 | 10153 | 20105 | 49995 | 55000  |       |       | 81101  |       |       | 10182 | 20122 |       |  |
| Görlitz              | 237   | 499 | 12970 | 82007 | 10127 | 20105 | 49908 | 55002  | 60042 |       | 80007  |       |       | 10152 | 20119 |       |  |
| Aachen               | 202   | 501 | 11470 | 72111 | 10129 | 20122 | 49907 | 53021  | 60042 | 72586 | 878//  |       |       | 32    | 10151 | 20123 |  |
| Noervenich           | 118   | 502 | 11575 | 82007 | 10144 | 20106 | 49915 | 53004  | 69912 | 72586 | 868//  |       |       | 30    | 10175 | 20117 |  |
| Kuerf/Bonn, Flugh.   | 627   | 510 | 11158 | 82120 | 10102 | 20093 | 49934 | 52006  | 60082 | 76362 | 886//  |       | 26    | 38    | 10105 | 20079 |  |
| Niederrhein          | 21    | 513 | 11482 | 71710 | 10143 | 20108 | 49974 | 53003  | 69922 |       |        |       |       |       |       |       |  |



# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 2

## AEROLOGISCHE WETTERMELDUNGEN

| Jahrgang 18                          | Hohenbeobachtungen vom Dienstag den 14. September 1993 |  |   |   |   |  | Nummer 257                                  |
|--------------------------------------|--|--|---|---|---|--|---|
| Station                              | Schleswig  | Greifswald   | Hannover  | Lindenberg  | Essen   | Dresden  | Muenchen                                    |
| YYGG                                 | 1400   | 1400   | 1400  | 1400  | 1400  | 1400   | 1400  |
|                                      | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff            | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff  | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff   | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff   | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff   | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff  | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff |
| hPa                                  |  |  |   |   |   |  |   |
| 10                                   | 2662 -50 27 17   | 2664 -48 27 23   |   | 2663 -49 26 19  | 3127 -44 30 16  | 2668 -50   | 2671  |
| 20                                   | 2398 -51 28 18   | 2399 -48 32 14   | 2402 -49 27 23  | 2398 -49 28 19  | 2670 -48 23 16  | 2401 -50   | 2405 -50 23 9                               |
| 30                                   | 2068 -54 25 15   | 2068 -54 25 21   | 2070 -54 25 18  | 2068 -54 25 15  | 2070 -54 24 14  | 2070 -54   | 2073 -53 27 18                              |
| 50                                   | 1852 -54 26 12   | 1853 -54 27 15   | 1853 -54 22 15  | 1852 -55 24 19  | 1852 -52 23 13  | 1854 -57   | 1857 -54 22 21                              |
| 70                                   | 1623 -54 -67 25 21                                     | 1624 -54 -66 26 24   | 1624 -54 -71 24 33  | 1625 -54 -67 23 29  | 1623 -55 -87 22 31  | 1627 -55 -73   | 1630 -56 -73 20 13                          |
| 100                                  | 1362 -54 -67 22 27                                     | 1364 -54 -66 25 44   | 1363 -50 -65 23 46  | 1368 -53 -65 24 70  | 1360 -49 -81 22 43  | 1369 -56 -71   | 1374 -58 -74 20 63                          |
| 150                                  | 1175 -52 -63 21 40                                     | 1180 -59 -66 23 78   | 1177 -51 -65 21 54  | 1186 -57 -67 23 77  | 1171 -47 -74 21 36  | 1188 -58 -66 22 72   | 1191 -55 -68 22 79                          |
| 200                                  | 1033 -56 -62 19 64                                     | 1039 -54 -60 23 85   | 1032 -55 -61 20 80  | 1043 -52 -58 23 82  | 1024 -51 -65 20 59  | 1046 -51 -57 23 81   | 1047 -49 -56 22 93                          |
| 250                                  | 0915 -47 -52 19 74                                     | 0919 -45 -50 21 55   | 0914 -46 -51 18 60  | 0923 -43 -49 23 61  | 0905 -47 -57 21 38  | 0925 -42 -46 22 55   | 0925 -42 -48 22 73                          |
| 300                                  | 0716 -28 -31 17 51                                     | 0720 -28 -31 20 30   | 0714 -28 -31 18 57  | 0722 -27 -30 21 49  | 0708 -32 -39 22 26  | 0724 -26 -31 22 43   | 0724 -26 -33 22 61                          |
| 400                                  | 0552 -18 -23 20 44                                     | 0555 -16 -17 23 26   | 0550 -17 -19 19 47  | 0557 -15 -17 22 29  | 0547 -21 -23 22 24  | 0559 -15 -18 22 38   | 0558 -15 -19 22 65                          |
| 500                                  | 0292 -3 -3 14 25                                       | 0294 -2 -2 18 16   | 0291 -3 -4 17 24  | 0294 0 -2 18 28   | 0288 -3 -12 20 18   | 0296 2 0 19 24   | 0295 0 -1 19 36                             |
| 700                                  | 0136 5 2 11 45   | 0137 5 3 12 18   | 0133 7 5 20 19  | 0135 10 10 17 27  | 0132 6 0 22 17  | 0136 13 7 19 27  | 0138 5 1 29 30                              |
| 850                                  | 0001   | 0004 10 9 9 15   | 00-1  | 0000  | 00-3  | 00-2   | 0003  |
| 1000                                 |  |  |   |   |   |  |   |
| M<br>a<br>r<br>k<br>a<br>n<br>t<br>e |  | 015 -48 30 22<br>019 -47<br>023 -50 24 18<br>026 17 7<br>026 20 4<br>030 -48 32 14<br>033 26 26<br>042 27 13<br>043 23 10<br>044 20 11<br>046 -54 25 17<br>100 -54 -66 26 24<br>110 25 24<br>118 -53 -65 23 33<br>127 -57 -70<br>130 -57 -69 24 34<br>140 -54 -66 24 32<br>146 -55 -68 25 41<br>150 -54 -66 25 44<br>159 -52 -63<br>165 -53 -64<br>188 -54 -62<br>194 -59 -67<br>227 -59 -65 22 88<br>239 -56 -62 23 90<br>249 -54 -60<br>266 -52 -58<br>286 21 61<br>335 23 50<br>364 -33 -37<br>408 20 28<br>416 20 27<br>462 -20 -22 23 28<br>499 -16 -17 23 26<br>570 -10 -11<br>588 21 29<br>600 21 28<br>673 -3 -3 20 19<br>684 -3 -3<br>714 -1 -1<br>721 -1 -1<br>737 -1 -1<br>753 0 -1 16 15<br>765 0 -1<br>790 1 0<br>800 13 17<br>809 3 1 12 18<br>874 6 5<br>891 6 6<br>900 12 25<br>902 7 6<br>907 7 6<br>918 6 5<br>925 6 5 11 24<br>930 6 5<br>984 10 25<br>004 10 9 9 8 | 029 -48 29 21<br>034 -52 23 15<br>039 26 16<br>045 -51 24 15<br>048 -54<br>057 26 14<br>061 23 14<br>067 21 15<br>075 24 19<br>090 22 10<br>096 27 22<br>100 -54 -71 24 33<br>112 -55 -71 20 29<br>140 23 27<br>150 -50 -65 23 46<br>163 -53 -68 22 63<br>185 20 29<br>201 -51 -65<br>207 -50 -63<br>250 -55 -61 20 80<br>270 -52 -58<br>288 18 61<br>328 17 57<br>355 -35 -39<br>435 -23 -26<br>441 -23 -25<br>451 17 45<br>479 18 39<br>499 -17 -19<br>542 -14 -17 21 55<br>557 -13 -17<br>597 -9 -16<br>600 20 42<br>608 -8 -17 10<br>616 -8 -17<br>636 -8 -15<br>650 -6 -7 18 21<br>657 -6 -6<br>718 -1 -2 17 23<br>785 3 2 19 15<br>792 3 3<br>800 20 17<br>840 6 5 21 18<br>885 15 29<br>890 18 25<br>907 8 7<br>917 8 8<br>925 8 8 15 21<br>938 8 8 13 22<br>958 9 8<br>992 11 10 10 8 | 005 -30 35 8<br>006 -37 33 5<br>007 -41 28 6<br>009 -41 31 12<br>010 -45<br>012 -44 25 11<br>015 -48<br>019 25 15<br>021 23 14<br>024 28 14<br>028 -47<br>031 -50 25 23<br>035 22 19<br>039 26 16<br>046 26 12<br>049 -54<br>082 24 10<br>085 -51<br>088 -55<br>095 -53<br>100 -55 -87 22 31<br>108 -52 -85 22 17<br>120 -54 -86 22 27<br>129 -50 -83<br>145 -49 -83 21 27<br>155 22 53<br>166 -51 -80 20 48<br>179 -48 -78 19 39<br>191 21 33<br>226 -47 -72<br>232 -48 -72<br>243 -50 -69 20 64<br>257 -52 -64 20 53<br>275 20 37<br>300 -47 -57 21 38<br>320 -45 -53<br>350 21 27<br>445 -26 -32<br>493 -21 -24<br>505 -20 -23<br>571 22 18<br>600 -9 -17 22 19<br>626 -7 -13<br>633 -7 -12<br>640 -7 -11<br>647 23 22<br>654 -7 -9<br>694 -3 -11 22 16<br>716 -2 -16<br>738 -1 -9 20 22<br>762 -1 -2<br>783 0 -2 22 15<br>800 22 15<br>877 22 17<br>879 22 17<br>925 12 1 19 11<br>928 12 1<br>933 13 2<br>970 11 9<br>978 9 9 15 6 | 014 -46<br>018 -50<br>028 -49<br>051 -55<br>061 -52<br>069 -57<br>086 -58<br>092 -60<br>100 -56 -73 20 13<br>107 -57 -75<br>123 -55 -72<br>134 -57 -73<br>145 -54 -70<br>157 -59 -73<br>162 -58 -72<br>196 22 72<br>212 -57 -64 23 76<br>239 -53 -59 23 86<br>262 -49 -55<br>292 22 56<br>316 -39 -43<br>431 -22 -27<br>437 -21 -26<br>483 22 39<br>561 -10 -10 20 33<br>600 20 33<br>638 20 38<br>705 19 23<br>718 3 1 20 22<br>773 8 3<br>788 8 5<br>800 20 26<br>818 20 26<br>854 13 7<br>873 18 29<br>875 14 10<br>890 14 10<br>911 14 11 17 30<br>925 14 11 16 24<br>935 15 11<br>961 14 11 12 12<br>971 13 12 8 6 | 021 -50 24 5<br>023 26 8<br>027 19 9<br>029 -49 24 10<br>031 23 6<br>033 -52 25 7<br>038 26 12<br>042 22 14<br>047 -51 22 11<br>047 28 9<br>055 -55 23 27<br>061 20 22<br>078 25 13<br>083 -53<br>086 -58<br>092 -60<br>100 -56 -73 20 13<br>105 -55 -71<br>108 25 38<br>118 -56 -72 23 54<br>123 -58 -74<br>146 -60 -76 21 64<br>152 20 62<br>160 -56 -71<br>175 22 74<br>197 -56 -68 22 79<br>200 -55 -68 22 79<br>204 -54 -66<br>221 -53 -61<br>228 -53 -60<br>246 -50 -57 22 93<br>285 -45 -50<br>289 -44 -49<br>333 -36 -42 22 65<br>438 -21 -29<br>532 22 67<br>582 -8 -9 22 63<br>600 21 59<br>682 -1 -1 19 43<br>744 2 1 18 20<br>754 2 1<br>770 2 1 28 9<br>788 2 1<br>800 29 21<br>830 4 1 29 30<br>870 7 1 29 27<br>907 9 4<br>925 10 5 27 18<br>929 27 17<br>948 11 7 30 8 |   |
| Tropo-<br>pause                      | 149 -54 -67 22 25<br>236 -59 -65 20 60                 | 130 -57 -69 24 34<br>227 -59 -65 22 88   | 250 -55 -61 20 80   | 134 -58 -71 25 41<br>192 -59 -69 23 80  | 166 -51 -80 20 48<br>257 -52 -64 20 53  | 212 -57 -64 23 76  | 146 -60 -76 21 64<br>197 -56 -68 22 79      |
| Max-<br>wind                         | 286 -49 -55 19 81                                      | 239 -56 -62 23 90  |   | 235 -55 -61 24 91   | 243 -50 -69 20 64   | 239 -53 -59 23 86  | 246 -50 -57 22 93                           |
| 30/50                                | 0330   | 0331   | 0332  | 0330  | 0332  | 0331   | 0332  |
| 50/100                               | 0445   | 0444   | 0446  | 0443  | 0447  | 0443   | 0443  |
| 100/200                              | 0448   | 0444   | 0447  | 0439  | 0452  | 0439   | 0439  |
| 200/500                              | 0623   | 0625   | 0627  | 0629  | 0624  | 0629   | 0633  |
| 500/1000                             | 0551   | 0551   | 0551  | 0557  | 0550  | 0561   | 0555  |

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 2

## AEROLOGISCHE WETTERMELDUNGEN

| Jahrgang 18                          |           |       | Höhenbeobachtungen vom Dienstag den 14. September 1993 |      |            |       |            |       | Nummer 257 |      |            |            |            |       |           |      |     |           |      |     |           |      |     |           |
|--------------------------------------|-----------|-------|--|------|------------|-------|------------|-------|------------|------|------------|------------|------------|-------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|
| Station                              | Meiningen |       | Stuttgart  |      | Greifswald |       | Lindenberg |       | Meiningen  |      | Lindenberg |            | Greifswald |       |           |      |     |           |      |     |           |      |     |           |
| YGG                                  | 1400      |       | 1400   |      | 1406       |       | 1406       |       | 1406       |      | 1418       |            | 1418       |       |           |      |     |           |      |     |           |      |     |           |
|                                      | hhhh      | TTTTd | ddfff  | hhhh | TTTTd      | ddfff | hhhh       | TTTTd | ddfff      | hhhh | TTTTd      | ddfff      | hhhh       | TTTTd | ddfff     |      |     |           |      |     |           |      |     |           |
|                                      | ppp       | TTTTd | ddfff  | ppp  | TTTTd      | ddfff | ppp        | TTTTd | ddfff      | ppp  | TTTTd      | ddfff      | ppp        | TTTTd | ddfff     |      |     |           |      |     |           |      |     |           |
| hPa                                  |           |       |  |      |            |       |            |       |            |      |            |            |            |       |           |      |     |           |      |     |           |      |     |           |
| 10                                   | 3127      | -46   | 29 11  | 3129 |            |       | 2662       | -48   | 28 25      | 3122 | -43        |            | 3123       | -43   | 33 4      | 3126 | -39 | 25 25     |      |     |           |      |     |           |
| 20                                   | 2667      | -49   | 27 13  | 2671 | -46        |       | 2397       | -51   | 25 10      | 2660 | -49        |            | 2663       | -47   | 27 14     | 2664 | -49 | 27 36     |      |     |           |      |     |           |
| 30                                   | 2400      | -49   | 25 15  | 2403 | -51        |       | 2097       | -54   | 28 13      | 2397 | -51        | 26 19      | 2401       | -51   | 26 14     | 2398 | -51 | 27 22     |      |     |           |      |     |           |
| 50                                   | 2068      | -54   | 26 15  | 2072 | -53        |       | 2067       | -54   | 28 13      | 2066 | -52        | 25 17      | 2068       | -52   | 24 15     | 2068 | -52 | 28 24     |      |     |           |      |     |           |
| 70                                   | 1852      | -54   | 25 17  | 1856 | -53        |       | 1850       | -54   | 25 18      | 1850 | -55        | 25 21      | 1852       | -54   | 24 22     | 1852 | -53 | 23 23     |      |     |           |      |     |           |
| 100                                  | 1625      | -53   | -67 22 28  | 1627 | -54        | -63   | 1622       | -55   | -65 23 23  | 1622 | -54        | -65 24 20  | 1623       | -53   | -85 22 32 | 1624 | -54 | -86 21 29 |      |     |           |      |     |           |
| 150                                  | 1364      | -58   | -71 21 77  | 1368 | -57        | -67   | 1361       | -54   | -64 23 32  | 1363 | -55        | -67 24 39  | 1361       | -50   | -79 22 53 | 1361 | -51 | -84 22 44 |      |     |           |      |     |           |
| 200                                  | 1181      | -53   | -64 21 80  | 1182 | -51        | -60   | 1176       | -55   | -63 21 87  | 1180 | -55        | -67 21 71  | 1173       | -49   | -76 21 57 | 1174 | -50 | -79 22 58 |      |     |           |      |     |           |
| 250                                  | 1036      | -52   | -58 22 107   | 1036 | -49        | -56   | 1035       | -55   | -61 20 70  | 1037 | -52        | -59 22 98  | 1027       | -51   | -68 20 87 | 1028 | -52 | -66 22 77 |      |     |           |      |     |           |
| 300                                  | 0916      | -45   | -50 20 75  | 0916 | -44        | -50   | 0915       | -46   | -51 19 51  | 0917 | -45        | -50 21 102 | 0907       | -47   | -58 19 67 | 0910 | -48 | -59 23 47 |      |     |           |      |     |           |
| 400                                  | 0717      | -27   | -31 20 69  | 0716 | -29        | -32   | 0716       | -28   | -31 17 40  | 0718 | -28        | -37 21 71  | 0711       | -32   | -37 20 29 | 0713 | -32 | -48 24 40 |      |     |           |      |     |           |
| 500                                  | 0552      | -16   | -18 20 55  | 0553 | -17        | -19   | 0552       | -16   | -18 19 36  | 0554 | -17        | -18 21 51  | 0549       | -20   | -23 23 42 | 0551 | -19 | -28 24 32 |      |     |           |      |     |           |
| 700                                  | 0291      | -4    | -6 24 46   | 0292 | -3         | -13   | 0290       | -1    | -1 20 28   | 0292 | 2          | -6 22 37   | 0290       | -1    | -8 22 28  | 0292 | -3  | -8 24 29  |      |     |           |      |     |           |
| 850                                  | 0134      | 7     | -1 20 20   | 0136 | 7          | -2    | 0133       | 5     | 5 15 24    | 0133 | 9          | 3 22 18    | 0134       | 7     | 1 23 24   | 0135 | 7   | 2 24 26   |      |     |           |      |     |           |
| 1000                                 | 00-1      |       |  | 0000 |            |       | 00-1       |       |            | 00-2 |            |            | 00-1       |       |           | 00-3 |     |           |      |     |           |      |     |           |
| M<br>a<br>r<br>k<br>a<br>n<br>t<br>e |           |       |  |      |            |       |            |       |            |      |            |            |            |       |           |      |     |           |      |     |           |      |     |           |
| P<br>u<br>n<br>k<br>t<br>e           |           |       |  |      |            |       |            |       |            |      |            |            |            |       |           |      |     |           |      |     |           |      |     |           |
| Tropo-<br>pause                      | 153       | -58   | -71 21 73  | 148  | -58        | -68   |            |       |            | 216  | -58        | -65 21 74  | 186        | -58   | -70       | 118  | -56 | -83 21 33 | 275  | -52 | -62 23 62 | 266  | -54 | -60 20 25 |
| Max-<br>wind                         | 144       |       | 22 79  |      |            |       |            |       |            | 234  | -56        | -62 21 76  |            |       |           | 255  | -51 | -67 20 91 | 233  | -52 | -73 22 80 |      |     |           |
| 30/50                                | 0332      |       |  | 0331 |            |       | 0330       |       |            | 0331 |            |            | 0333       |       |           | 0332 |     |           | 0330 |     |           | 0330 |     |           |
| 50/100                               | 0443      |       |  | 0445 |            |       | 0445       |       |            | 0444 |            |            | 0445       |       |           | 0446 |     |           | 0446 |     |           | 0446 |     |           |
| 100/200                              | 0444      |       |  | 0445 |            |       | 0446       |       |            | 0442 |            |            | 0450       |       |           | 0450 |     |           | 0452 |     |           | 0452 |     |           |
| 200/500                              | 0629      |       |  | 0629 |            |       | 0624       |       |            | 0626 |            |            | 0624       |       |           | 0623 |     |           | 0623 |     |           | 0622 |     |           |
| 500/1000                             | 0553      |       |  | 0553 |            |       | 0553       |       |            | 0556 |            |            | 0550       |       |           | 0552 |     |           | 0551 |     |           | 0551 |     |           |

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 2

## AEROLOGISCHE WETTERMELDUNGEN

Jahrgang 18

Hohenbeobachtungen vom Dienstag den 14. September 1993

Nummer 257

| Station         | Schleswig |       |           | Greifswald |       |           | Hannover |       |           | Lindenberg |       |           | Essen |       |           | Dresden |       |           |
|-----------------|-----------|-------|-----------|------------|-------|-----------|----------|-------|-----------|------------|-------|-----------|-------|-------|-----------|---------|-------|-----------|
| YYGG            | 1412      |       |           | 1412       |       |           | 1412     |       |           | 1412       |       |           | 1412  |       |           | 1412    |       |           |
|                 | hhhh      | TTTTd | ddfff     | hhhh       | TTTTd | ddfff     | hhhh     | TTTTd | ddfff     | hhhh       | TTTTd | ddfff     | hhhh  | TTTTd | ddfff     | hhhh    | TTTTd | ddfff     |
|                 | ppp       | TTTTd | ddfff     | ppp        | TTTTd | ddfff     | ppp      | TTTTd | ddfff     | ppp        | TTTTd | ddfff     | ppp   | TTTTd | ddfff     | ppp     | TTTTd | ddfff     |
| hPa             |           |       |           |            |       |           |          |       |           |            |       |           |       |       |           |         |       |           |
| 10              | 3128      | -45   | 26 29     | 3130       | -43   | 26 27     | 3127     | -43   | 27 22     | 3130       | -42   | 27 21     | 3125  | -45   | 26 21     | 3134    | -43   |           |
| 20              | 2665      | -48   | 25 18     | 2665       | -47   | 26 12     | 2665     | -48   | 25 21     | 2668       | -48   | 26 16     | 2667  | -47   | 22 14     | 2674    | -47   |           |
| 30              | 2399      | -52   | 26 21     | 2399       | -50   | 26 20     | 2399     | -51   | 25 20     | 2401       | -49   | 26 24     | 2401  | -49   | 24 24     | 2406    | -50   |           |
| 50              | 2069      | -52   | 23 13     | 2067       | -54   | 22 19     | 2068     | -52   | 23 20     | 2070       | -52   | 25 23     | 2068  | -53   | 23 19     | 2074    | -51   |           |
| 70              | 1852      | -54   | 24 13     | 1851       | -54   | 26 21     | 1851     | -55   | 24 21     | 1852       | -54   | 26 18     | 1851  | -52   | 24 16     | 1857    | -53   |           |
| 100             | 1622      | -52   | -85 23 27 | 1622       | -54   | -86 23 32 | 1621     | -53   | -86 22 15 | 1624       | -55   | -74 22 17 | 1620  | -51   | -84 24 26 | 1629    | -54   | -73       |
| 150             | 1357      | -51   | -80 20 33 | 1359       | -54   | -76 20 35 | 1357     | -50   | -83 20 36 | 1363       | -51   | -70 21 46 | 1355  | -48   | -82 21 25 | 1367    | -51   | -70 22 61 |
| 200             | 1169      | -49   | -76 20 30 | 1174       | -52   | -69 21 45 | 1168     | -49   | -79 21 35 | 1177       | -52   | -64 21 58 | 1165  | -48   | -82 21 35 | 1180    | -50   | -64 21 46 |
| 250             | 1023      | -54   | -62 19 31 | 1030       | -56   | -64 20 81 | 1023     | -53   | -65 19 39 | 1033       | -55   | -62 19 93 | 1017  | -51   | -69 20 44 | 1035    | -54   | -61 19 68 |
| 300             | 0905      | -49   | -56 17 14 | 0911       | -46   | -53 19 81 | 0905     | -49   | -58 19 28 | 0914       | -45   | -51 19 66 | 0899  | -50   | -57 20 40 | 0915    | -44   | -50 18 67 |
| 400             | 0709      | -32   | -41 17 16 | 0713       | -30   | -37 21 60 | 0709     | -32   | -38 21 30 | 0714       | -28   | -31 17 52 | 0704  | -34   | -39 20 31 | 0715    | -28   | -31 17 54 |
| 500             | 0547      | -19   | -29 19 21 | 0550       | -18   | -29 20 24 | 0547     | -19   | -25 21 32 | 0550       | -18   | -21 22 34 | 0543  | -21   | -24 20 30 | 0552    | -18   | -22 23 46 |
| 700             | 0288      | -2    | -18 21 15 | 0289       | -2    | -10 23 23 | 0288     | -4    | -8 20 27  | 0291       | -3    | -6 24 29  | 0285  | -4    | -6 20 27  | 0293    | -4    | -5 23 31  |
| 850             | 0132      | 5     | 3 22 4    | 0133       | 6     | 1 21 10   | 0132     | 6     | 2 22 19   | 0135       | 7     | -3 25 18  | 0129  | 5     | 3 21 38   | 0136    | 7     | -1 25 23  |
| 1000            | 00-3      |       |           | 00-2       |       |           | 00-3     |       |           | 00-1       |       |           | 00-6  |       |           | 0001    |       |           |
| M a r k a n t e |           |       |           |            |       |           |          |       |           |            |       |           |       |       |           |         |       |           |
| P u n k t e     |           |       |           |            |       |           |          |       |           |            |       |           |       |       |           |         |       |           |
| Tropo-<br>pause | 256       | -56   | -62 18 28 | 253        | -56   | -64 20 82 | 259      | -55   | -65 19 35 | 242        | -57   | -64 20 95 | 295   | -51   | -58 20 40 | 254     | -55   | -62 19 67 |
| Max-<br>wind    |           |       |           | 277        | -51   | -58 19 86 |          |       |           | 242        | -57   | -64 20 95 |       |       |           | 239     | -51   | -61 20 74 |
| 30/50           | 0330      |       |           | 0332       |       |           | 0331     |       |           | 0331       |       |           | 0333  |       |           | 0332    |       |           |
| 50/100          | 0447      |       |           | 0445       |       |           | 0447     |       |           | 0446       |       |           | 0448  |       |           | 0445    |       |           |
| 100/200         | 0453      |       |           | 0448       |       |           | 0453     |       |           | 0447       |       |           | 0455  |       |           | 0449    |       |           |
| 200/500         | 0622      |       |           | 0624       |       |           | 0621     |       |           | 0627       |       |           | 0622  |       |           | 0628    |       |           |
| 500/1000        | 0550      |       |           | 0552       |       |           | 0550     |       |           | 0551       |       |           | 0549  |       |           | 0551    |       |           |

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 2

## AEROLOGISCHE WETTERMELDUNGEN

| Jahrgang 18 |           | Höhenbeobachtungen vom Dienstag |      |          |       | den 14. September 1993 |       |       |      | Nummer 257 |       |    |      |     |     |    |    |
|-------------|-----------|---------------------------------|------|----------|-------|------------------------|-------|-------|------|------------|-------|----|------|-----|-----|----|----|
| Station     | Meiningen | Stuttgart                       |      | Muenchen |       | Berlin                 |       |       |      |            |       |    |      |     |     |    |    |
| YGG         | 1412      | 1412                            |      | 1412     |       | 1412                   |       |       |      |            |       |    |      |     |     |    |    |
| hhhh        | TTTTd     | ddfff                           | hhhh | TTTTd    | ddfff | hhhh                   | TTTTd | ddfff | hhhh | TTTTd      | ddfff |    |      |     |     |    |    |
| ppp         | TTTTd     | ddfff                           | ppp  | TTTTd    | ddfff | ppp                    | TTTTd | ddfff | ppp  | TTTTd      | ddfff |    |      |     |     |    |    |
| hPa         |           |                                 |      |          |       |                        |       |       |      |            |       |    |      |     |     |    |    |
| 10          | 3124      | -44                             | 26   | 14       | 2668  | -48                    | 19    | 11    | 2669 | -50        | 21    | 5  | 3127 | -43 | -79 | 23 | 15 |
| 20          | 2666      | -48                             | 24   | 8        | 2403  | -51                    | 23    | 9     | 2403 | -52        | 23    | 11 | 2401 | -51 | -85 | 25 | 19 |
| 30          | 2399      | -51                             | 24   | 15       | 2070  | -51                    | 25    | 27    | 2073 | -53        | 23    | 21 | 2070 | -54 | -87 | 23 | 22 |
| 50          | 2066      | -54                             | 25   | 24       | 1853  | -52                    | 21    | 14    | 1855 | -56        | 26    | 21 | 1853 | -53 | -86 | 25 | 19 |
| 70          | 1851      | -56                             | 23   | 20       | 1627  | -52                    | -85   | 24    | 1627 | -56        | -88   | 22 | 1625 | -52 | -85 | 23 | 23 |
| 100         | 1621      | -52                             | -85  | 24       | 1359  | -50                    | -81   | 21    | 1366 | -54        | -86   | 22 | 1363 | -50 | -84 | 22 | 41 |
| 150         | 1358      | -52                             | -85  | 21       | 1171  | -50                    | -83   | 21    | 1180 | -50        | -82   | 22 | 1175 | -52 | -74 | 21 | 59 |
| 200         | 1171      | -50                             | -83  | 21       | 1025  | -49                    | -63   | 21    | 1035 | -50        | -69   | 22 | 1032 | -56 | -64 | 19 | 93 |
| 250         | 1024      | -49                             | -65  | 22       | 0907  | -49                    | -59   | 22    | 0914 | -45        | -64   | 22 | 0913 | -45 | -52 | 19 | 87 |
| 300         | 0906      | -50                             | -56  | 22       | 0712  | -32                    | -42   | 22    | 0717 | -32        | -52   | 24 | 0714 | -28 | -34 | 18 | 64 |
| 400         | 0711      | -32                             | -39  | 23       | 0550  | -20                    | -35   | 22    | 0555 | -19        | -34   | 24 | 0550 | -18 | -26 | 23 | 35 |
| 500         | 0548      | -18                             | -28  | 23       | 0292  | -3                     | -9    | 23    | 0295 | -2         | -8    | 25 | 0291 | -3  | -7  | 23 | 25 |
| 700         | 0290      | -4                              | -6   | 22       | 0136  | 7                      | 2     | 23    | 0138 | 7          | 0     | 23 | 0134 | 7   | -1  | 24 | 20 |
| 850         | 0134      | 6                               | 3    | 21       | 00-1  |                        |       |       | 0002 |            |       |    | 00-1 |     |     |    |    |
| 1000        | 00-1      |                                 |      |          |       |                        |       |       |      |            |       |    |      |     |     |    |    |

### Höhenwinde

### Höhenwinde

| Station | Meiningen | Dresden | Muenchen | Stuttgart | Essen | Hannover | Schleswig | Station | Dresden | Muenchen | Stuttgart | Essen | Hannover | Schleswig | Station  | Maximal- |
|---------|-----------|---------|----------|-----------|-------|----------|-----------|---------|---------|----------|-----------|-------|----------|-----------|----------|----------|
| YGG     | 1418      | 1418    | 1418     | 1418      | 1418  | 1418     | 1418      | YGG     | 1406    | 1406     | 1406      | 1406  | 1406     | 1406      | YGG      | winde    |
| Piloten | ddfff     | ddfff   | ddfff    | ddfff     | ddfff | ddfff    | ddfff     | Piloten | ddfff   | ddfff    | ddfff     | ddfff | ddfff    | ddfff     | Piloten  | Maximal- |
| Gipfel- | 31.2      | 10.5    | 36.3     | 36.3      | 33.3  | 36.3     | 34.8      | Gipfel- | 10.6    | 37.2     | 27.3      | 33.6  | 35.1     | Gipfel-   | Maximal- |          |
| Punkt   | 12        | 23      | 27       | 27        | 29    | 27       | 27        | Punkt   | 22      | 9        | 31        | 13    | 13       | Punkt     | Maximal- |          |
| km      | 3         | 115     | 17       | 17        | 12    | 15       | 15        | km      | 115     | 7        | 14        | 6     | 6        | km        | Maximal- |          |
| 30.9    | 34        | 34      | 31       | 31        | 29    | 23       | 30.9      | 28      | 32      | 31       | 32        | 32    | 28       | 28        | 14       | 28       |
| 36.4    | 26        | 26      | 29       | 29        | 26    | 25       | 36.4      | 27      | 26      | 26       | 26        | 26    | 27       | 27        | 15       | 27       |
| 59.7    | 25        | 25      | 29       | 29        | 26    | 26       | 59.7      | 26      | 25      | 25       | 25        | 25    | 26       | 26        | 16       | 26       |
| 18.3    | 27        | 27      | 25       | 25        | 23    | 23       | 18.3      | 25      | 24      | 24       | 24        | 24    | 25       | 25        | 17       | 25       |
| 15.9    | 22        | 22      | 24       | 24        | 23    | 23       | 15.9      | 24      | 23      | 23       | 23        | 23    | 24       | 24        | 18       | 24       |
| 13.5    | 22        | 22      | 24       | 24        | 23    | 23       | 13.5      | 23      | 22      | 22       | 22        | 22    | 23       | 23        | 19       | 23       |
| 12.0    | 26        | 26      | 23       | 23        | 23    | 23       | 12.0      | 22      | 21      | 21       | 21        | 21    | 22       | 22        | 20       | 22       |
| 10.5    | 23        | 23      | 23       | 23        | 23    | 23       | 10.5      | 21      | 20      | 20       | 20        | 20    | 21       | 21        | 21       | 21       |
| 9.0     | 22        | 22      | 23       | 23        | 23    | 23       | 9.0       | 20      | 19      | 19       | 19        | 19    | 20       | 20        | 22       | 20       |
| 7.2     | 22        | 22      | 23       | 23        | 23    | 23       | 7.2       | 19      | 18      | 18       | 18        | 18    | 19       | 19        | 23       | 19       |
| 5.4     | 22        | 22      | 23       | 23        | 23    | 23       | 5.4       | 18      | 17      | 17       | 17        | 17    | 18       | 18        | 24       | 18       |
| 4.2     | 22        | 22      | 23       | 23        | 23    | 23       | 4.2       | 17      | 16      | 16       | 16        | 16    | 17       | 17        | 25       | 17       |
| 3.0     | 22        | 22      | 23       | 23        | 23    | 23       | 3.0       | 16      | 15      | 15       | 15        | 15    | 16       | 16        | 26       | 16       |
| 2.1     | 23        | 23      | 23       | 23        | 23    | 23       | 2.1       | 15      | 14      | 14       | 14        | 14    | 15       | 15        | 27       | 15       |
| 1.5     | 23        | 23      | 23       | 23        | 23    | 23       | 1.5       | 14      | 13      | 13       | 13        | 13    | 14       | 14        | 28       | 14       |
| 0.9     | 21        | 21      | 23       | 23        | 23    | 23       | 0.9       | 14      | 13      | 13       | 13        | 13    | 14       | 14        | 29       | 14       |
| 0.4     | 21        | 21      | 23       | 23        | 23    | 23       | 0.4       | 13      | 12      | 12       | 12        | 12    | 13       | 13        | 30       | 13       |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 12      | 11      | 11       | 11        | 11    | 12       | 12        | 31       | 12       |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 11      | 10      | 10       | 10        | 10    | 11       | 11        | 32       | 11       |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 10      | 9       | 9        | 9         | 9     | 10       | 10        | 33       | 10       |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 9       | 8       | 8        | 8         | 8     | 9        | 9         | 34       | 9        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 8       | 7       | 7        | 7         | 7     | 8        | 8         | 35       | 8        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 7       | 6       | 6        | 6         | 6     | 7        | 7         | 36       | 7        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 6       | 5       | 5        | 5         | 5     | 6        | 6         | 37       | 6        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 5       | 4       | 4        | 4         | 4     | 5        | 5         | 38       | 5        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 4       | 3       | 3        | 3         | 3     | 4        | 4         | 39       | 4        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 3       | 2       | 2        | 2         | 2     | 3        | 3         | 40       | 3        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 2       | 1       | 1        | 1         | 1     | 2        | 2         | 41       | 2        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 1       | 0       | 0        | 0         | 0     | 1        | 1         | 42       | 1        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 43       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 44       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 45       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 46       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 47       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 48       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 49       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 50       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 51       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 52       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 53       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 54       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 55       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 56       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 57       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 58       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 59       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 60       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 61       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 62       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 63       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 64       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 65       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 66       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 67       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 68       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 69       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 70       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 71       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         | 0     | 0        | 0         | 72       | 0        |
| 0.0     | 21        | 21      | 23       | 23        | 23    | 23       | 0.0       | 0       | 0       | 0        | 0         |       |          |           |          |          |